

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF IOWA  
CENTRAL DIVISION

- - - - - - - - - - - - - - -X  
IOWA PRIMATE LEARNING SANCTUARY :  
d/b/a GREAT APE TRUST AND :  
APE COGNITION AND COMMUNICATION :  
INSTITUTE, :  
: Plaintiffs, : Case No. 4:10-cv-00052  
vs. :  
: ZOOLOGICAL FOUNDATION OF :  
GEORGIA, INC. d/b/a ZOO ATLANTA, :  
DEMOCRATIC REPUBLIC OF CONGO, :  
JAPAN MONKEY CENTRE INSTITUTE :  
AND MUSEUM OF PRIMATOLOGY, and :  
SUE SAVAGE-RUMBAUGH, Ph.D., :  
: Defendants, : TRANSCRIPT OF HEARING  
and : VOLUME III  
: BONOBO HOPE INITIATIVE, INC., :  
: Intervenor-Defendant. :  
- - - - - - - - - - - - - - -X

Fourth Floor, South Courtroom  
United States Courthouse  
123 East Walnut Street  
Des Moines, Iowa 50309  
Friday, May 29, 2015  
8:57 a.m.

BEFORE: THE HONORABLE ROSS A. WALTERS, Magistrate Judge.

Terri L. Martin, CSR, RPR, CRR  
United States Court Reporter  
Room 189, U.S. Courthouse  
123 East Walnut Street  
Des Moines, Iowa 50309

APPEARANCES:

For the Plaintiffs:

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## I N D E X

| <u>WITNESSES:</u> | <u>DIRECT</u> | <u>CROSS</u> | <u>REDIRECT</u> | <u>RECROSS</u> |
|-------------------|---------------|--------------|-----------------|----------------|
|-------------------|---------------|--------------|-----------------|----------------|

For the Plaintiffs:

|                                 |     |     |     |     |
|---------------------------------|-----|-----|-----|-----|
| Jared Taglialatela<br>(Resumed) | 473 | 528 | 597 | 601 |
| William Hopkins                 | 638 | 652 | 663 |     |

For the Defendants:

|                       |     |     |  |
|-----------------------|-----|-----|--|
| Russell Howard Tuttle | 602 | 629 |  |
|-----------------------|-----|-----|--|

## E X H I B I T S

| <u>PLAINTIFFS' EXHIBIT NUMBERS:</u>          | <u>OFFERED</u> | <u>RECEIVED</u> |
|--|----------------|-----------------|
| 1000 - Simpson & D. Rumbaugh e-mail string   | 672            | 672             |
| 1007 - Taglialatela CV                       | 472            | 472             |
| 1008 - Hopkins CV                            | 640            | 640             |
| <u>DEFENDANTS' EXHIBIT NUMBERS:</u>          |                |                 |
| 43 - 11/9/13 e-mail from Caudill             | 668            | 671             |
| 48 - 11/20/13 e-mail string from D. Rumbaugh | 668            | 671             |
| 69 - 3/18/14 e-mail string from Simpson      | 668            | 671             |
| 71 - 3/18/14 e-mail string from Taglialatela | 668            | 671             |
| 74 - 4/22/14 Knoploh-Odole e-mail string     | 668            | 671             |
| 76 - 4/28/14 Simpson e-mail string           | 668            | 671             |
| 95 - Dubreuil CV                             | 668            | 670             |
| 97 - Tuttle CV                               | 555            | 555             |
| 98 - SSR video compilation of bonobos        | 668            | 670             |
| 103 - 11/19/13 Caudill e-mail to Simpson     | 668            | 671             |
| 105 - Taglialatela e-mail                    | 509            | 509             |

## 1 P R O C E E D I N G S

2 (In open court.)

3 THE COURT: Please be seated.

4 And good morning to you all.

5 Let's see, were we going to make a record about that  
6 exhibit first?7 MR. STAMBAUGH: We are, Your Honor. We have conferred  
8 with opposing counsel, and I believe all of the objections have  
9 been withdrawn as to Exhibit 107 as testified to by Dr. Gilmore  
10 yesterday. So we would like to move Exhibit 107 into evidence.11 (Defendants' Exhibit 107 was  
12 offered in evidence.)13 MR. MELHUS: That is correct, Your Honor, on behalf of  
14 plaintiffs.

15 THE COURT: Thank you.

16 107 is received.

17 MR. STAMBAUGH: Thank you, Your Honor.

18 (Defendants' Exhibit 107 was  
19 received in evidence.)20 THE COURT: Now, are we going to continue with the  
21 witness we had yesterday or do you have somebody here that was  
22 presenting at some point today?23 MR. STAMBAUGH: I believe we're going to continue with  
24 Dr. Taglialatela and then go to Dr. Tuttle.

25 THE COURT: Okay. Sir, would you come forward and

1 retake the stand, please.

2 JARED TAGLIALATELA,

3 resumed his testimony as follows:

4 MR. MILLER: I'm sorry, madam court attendant, it  
5 looks like we're losing our screen. Are we still on the other  
6 screens?

7 THE CLERK: Oh.

8 THE COURT: Literally we're losing that one.

9 THE CLERK: We're on the other screens.

10 MR. MILLER: I will get it to come back up, I hope.

11 Hmm. Well, I'll try resetting it, let it go all the  
12 way down.

13 MR. MILLER: Okay.

14 DIRECT EXAMINATION (Continued)

15 BY MR. MILLER:

16 Q. Good morning, Doctor. I will go ahead and ask you a little  
17 bit about security at the facility at Des Moines. We just lost  
18 on the big screen the photo, but you have it in front of you.  
19 That's a picture of the compound or the facility, correct?

20 A. Yes.

21 Q. Okay. Can you explain, around the facility is there any  
22 security procedures or devices in place?

23 A. Sure. Around the building itself or the general property,  
24 or both?

25 Q. Both -- well, let's start with the building itself.

1 A. Okay. So the building itself is actually secured with key  
2 card access. There are actually three entry points for --  
3 actually I take that back. There's four entry points to the  
4 physical structure of the building itself, all of which are key  
5 card access, and in order to gain access, once you gain access  
6 to the public space of the building, you also need a second  
7 level key card to get into the -- actually any of the places  
8 where the ape enclosures are. Of course, the ape enclosures  
9 themselves are all locked with manual locks.

10 Q. And then how about security within the grounds?

11 A. So, as I mentioned yesterday, the property is 230 acres.  
12 Out of that 230 acres, I think approximately 125 are fenced in  
13 with barbed wire at the top. There's two entry points for that,  
14 the main gate and a back gate. The back gate is locked and  
15 chained and requires a manual key lock. It's not really used,  
16 except for I go through there and walk the property every once  
17 in a while because it's a very nice area along the Des Moines  
18 River; but the main gate is secured again with, as I mentioned  
19 yesterday, a key pad access.

20 Q. At some point in time, did you become a member of a  
21 governing body for this facility?

22 A. Yes.

23 Q. Okay. When did that first happen?

24 A. So initially, to the best of my recollection, it was in the  
25 fall of 2012. I was approached by Dr. Savage-Rumbaugh by e-mail

1 and telephone, if I'm not mistaken, and was asked to join a  
2 board that was my understanding was basically the organization  
3 that was overseeing the operation at the, quote/unquote, Great  
4 Ape Trust. The name of that organization was not very clear to  
5 me. Some referred to it as the Great Ape Trust, some referred  
6 to it as IPLS, and some referred to it as the Bonobo Hope  
7 Initiative. The idea was they were all basically the same  
8 thing, at least that was my understanding.

9 I vaguely recall asking specific questions of Ken  
10 Schweller, who was the chair of the board of that organization,  
11 and I believe that's the way he explained that answer to me.

12 Q. Do you know if you were ever a board member of the entity  
13 called IPLS?

14 A. My understanding now is that I was never a board member of  
15 the entity called IPLS.

16 Q. Do you recall discussing with Dr. Rumbaugh, Dr. Sue  
17 Savage-Rumbaugh, her intention to transition away from the  
18 operation at some point in time?

19 A. I do, but that didn't happen until the fall of 2013.

20 Q. And what do you recall about that discussion?

21 A. Well, I was initially written an e-mail by Dr. Duane  
22 Rumbaugh, and he had asked me if I would consider being involved  
23 with the facility in Iowa. I don't remember the specific  
24 contents, but if I had it in front of me, I certainly could  
25 relay them. His -- he basically was requesting, for lack of a

1 better way, sort of what I assume oversight of the scientific  
2 program there in his e-mail. And I remember being a bit stunned  
3 by that just because I hadn't heard from him in awhile, though  
4 we are close and usually had been corresponding fairly  
5 regularly, but it had been a little bit of time since we had  
6 last spoke.

7 Q. Had you previously discussed with Dr. Duane or Dr. Sue  
8 involvement in any sort of leadership position at the facility?

9 A. Again, just to sort of get the time line correct, joined  
10 this Bonobo Hope Initiative board in the fall of 2012 upon  
11 Dr. Savage-Rumbaugh's request. Following -- basically the  
12 reason or my understanding of the reason Dr. Savage-Rumbaugh  
13 contacted me at that time was because there was some concern  
14 that the bonobos were going to be relocated. The board or the  
15 executive committee, some subset of the board were concerned  
16 that they wouldn't be able to provide support for the apes and  
17 there was discussions about them being relocated.

18 Initially, having not visited the facility or not  
19 really -- just sort of only participating by e-mail and by  
20 phone, I was concerned that they were correct and was helping to  
21 try and figure out a way to find a place for the bonobos where  
22 they would be able to be cared for properly.

23 Through the course of those discussions, which were  
24 basically e-mail discussions between board members, to be quite  
25 frank, my position somewhat changed on that because it became

1 clear to me that no one would actually probably take the bonobos  
2 and, in all likelihood, we would need involvement from another  
3 organization to help support them *in situ*, if you will.

4 Q. And when you say "*in situ*," what do you mean?

5 A. I mean at the facility for Des Moines. Dr. Savage-Rumbaugh  
6 and I, for lack of a better word, argued quite publicly about  
7 this or at least among the board members. The minute after she  
8 invited me and I started voicing my opinions, she pretty much  
9 attacked me both to the board as a group and also in individual  
10 e-mails that were written just to me.

11 Q. Were these e-mails among the group, did that include members  
12 of the entity known as BHI that we've heard from some members of  
13 that group here in testimony?

14 A. To the best of my recollection, it does.

15 Q. And other than the ongoing discussion about relocation, what  
16 other involvement did you have from that point in time in 2012  
17 up to the point when Dr. Duane contacted you in 2013?

18 A. Well, it appears that that discussion while quite heated for  
19 three or four weeks, and probably hundreds of e-mails were  
20 exchanged if not in the thousands, after that time there was  
21 some influx of financial support, which I really don't know  
22 where it came from, and it sort of put a temporary hiatus, if  
23 you will, on the discussion.

24 It was a pretty ineffective board. It wasn't very  
25 communicative. In fact, I was probably writing -- having just

1 joined, I was writing, you know, probably 75 percent of the  
2 e-mails in this discussion. It was basically  
3 Dr. Savage-Rumbaugh and me and Dr. Schweller, with other people  
4 chiming in very small bits there.

5 Once that financial -- immediate financial crisis was  
6 resolved, communications basically stopped, and to the best of  
7 my recollection, I didn't receive another communication about  
8 that organization or related to that organization until  
9 approximately May of 2013.

10 Q. And when were you contacted by Dr. Duane?

11 A. To the best of my recollection, that was in September of  
12 2013.

13 Q. Okay. And after he contacted you, did you have any  
14 discussions with Dr. Sue Savage-Rumbaugh?

15 A. Yes. Dr. Rumbaugh, Duane Rumbaugh, and I spoke, and the  
16 first thing I told him was that I would absolutely need to visit  
17 the facility and take a look at the apes. I mean, my primary  
18 concern, based on his e-mail, was for the apes' welfare and  
19 continues to be so. So I wrote to him. He put me in contact --  
20 I don't know exactly how this worked, but he put me in contact  
21 with leadership at the organization. We arranged a visit, and I  
22 traveled there. To the best of my recollection, shortly after  
23 my return, Dr. Savage-Rumbaugh called me and we spoke on the  
24 phone and then spoke numerous times after that.

25 Q. What did Dr. Savage-Rumbaugh tell you during that first

1 conversation?

2 MR. STAMBAUGH: Objection; calls for hearsay. This is  
3 a witness who testified in this proceeding.

4 THE COURT: Well, yes, but it's also a party opponent.  
5 I'll receive it, subject to the objection.

6 A. To the best of my recollection, we talked a little bit about  
7 the history. She gave me her version, if you will, of the  
8 history since about 2011 onward. We spoke -- she, quite  
9 frankly, told me that she was living in New Jersey, she felt she  
10 couldn't be of assistance to the bonobos anymore, she felt that,  
11 you know -- she, I guess, was being complimentary with regards  
12 to what she thought was my -- what role I could offer or what  
13 support I could offer for the bonobos, and she told me she was  
14 doing some other academic activities, some things with Rutgers  
15 University, just attending lectures and that sort of thing. I  
16 could go into more detail on it, but --

17 BY MR. MILLER:

18 Q. Well, what did you tell her during that discussion?

19 MR. STAMBAUGH: Same objection.

20 THE COURT: Same ruling.

21 A. Again, to the best of my recollection, it was after my  
22 initial visit, shortly after my initial visit -- and, again,  
23 just to the best of my recollection, that was the timing. I  
24 can't be absolutely certain. But we -- I told her, you know,  
25 that it was something that I would certainly consider, that I

1 visited the facility. I also remember distinctly telling her  
2 that I was working on a rather large grant application and the  
3 due date was early December and so I was sort of postponing any  
4 formal commitments until after that point since my time was  
5 consumed with that application. I don't remember a whole lot  
6 more than that.

7 BY MR. MILLER:

8 Q. Did you have any further discussions with her or was that  
9 answer to describe all of your discussions?

10 A. I think probably I'm -- I did have additional phone  
11 conversations with her. I think I'm blending -- I don't know if  
12 all of those took place on the same -- on that initial  
13 conversation.

14 Q. What was the next step you took after this phone call?

15 A. At that time I was seriously considering -- you know, as has  
16 been testified by others, Bill Hopkins and I came to the  
17 facility sometime in October, to the best of my recollection.  
18 We spent a full day there. We had breakfast meetings with the  
19 board members, visited the facility, visited the grounds. We  
20 didn't -- I think we were there by 9:00 in the morning, and we  
21 didn't leave until 4:00 or 5:00 in the afternoon. It was a fall  
22 day. Looking at the facility, looking at the condition of the  
23 apes, trying to understand as much as I could about how the  
24 facility ran, that was one day. I mean, this was barely  
25 anything.

1           We spent time from that visit onward -- or I should  
2 say I spent time from that visit onward thinking very seriously  
3 about the position, if you will, of actually assuming some sort  
4 of leadership role at that facility. I spoke with many, many  
5 colleagues. I spoke with friends, to be quite frank. I spoke  
6 with people I used to work with that were not necessarily  
7 colleagues but former technicians, people who knew  
8 Dr. Savage-Rumbaugh, all of it just to sort of evaluate whether  
9 or not it would be reasonable for me to even take on this  
10 responsibility.

11 Q. And did you ask questions about Dr. Savage-Rumbaugh's  
12 ongoing involvement?

13 A. I did. I spoke with Dr. Savage-Rumbaugh specifically about  
14 that, and, again, she had told me that she didn't -- initially,  
15 I should qualify this, initially she told me she was in New  
16 Jersey, didn't feel like she could do anything positive, that  
17 the Bonobo 12 had, you know, sort of left a scar, if you will,  
18 and was doing things in New Jersey with other folks there. Her  
19 involvement was, you know, in basically her words not an issue.

20           Actually can I add one thing? Because I also spoke to  
21 her specifically about how I felt my research interests had  
22 diversified to some extent and that I had a research program  
23 involving lots of different facets, some were aspects of  
24 experimental ecology, some aspects in psychology, some of them  
25 were aspects of maybe what you'd just call the origins of human

1 language, human intelligence and that those were diverse. And  
2 she assured me, you know, that, oh, yeah, I think there would be  
3 lots of great opportunities for that type of work there.

4 Q. Did she assure you that she was no longer planning to be  
5 involved with the Des Moines facility?

6 A. Yes, she did.

7 Q. Did you then eventually decide to take on a leadership role  
8 there?

9 A. I did eventually. Now, I want to be clear about this. When  
10 I arrived to visit the facility, in I think what is October, to  
11 the best of my recollection, of 2013, I'll be quite frank, the  
12 existing board members and counsel, Mr. Simpson, were fairly,  
13 for lack of a better word, pushy about my involvement, to which  
14 I asked them, of course, to hold on, but their -- I expressed  
15 concerns on day one, if you will, that it would be something I  
16 would need to have autonomy with and that I would not have  
17 Dr. Savage-Rumbaugh in any oversight role or in any role in  
18 which she would be basically overseeing any aspect of our  
19 research program. And by we, I mean Dr. Hopkins and myself.

20 Q. From your discussions with Dr. Savage-Rumbaugh, did you  
21 satisfy yourself that those conditions were going to be met?

22 A. I satisfied myself at the time, but clearly I was not right.

23 Q. And, similarly, from any other discussions that you had with  
24 board members, did you also satisfy yourself that that was going  
25 to be the case?

1 A. I did. I spoke with a number of them. They indicated to  
2 me -- I know it's been testified -- I believe I've heard it's  
3 been testified since May, but according to the folks I spoke  
4 with, it was since March of 2013, so we were going on six or  
5 seven months that Dr. Savage-Rumbaugh had been absent from the  
6 facility and was actually no longer living in Des Moines. And  
7 Lyle Simpson told me that -- he used the word that she was  
8 cocooned, that she was not going to be involved moving forward.  
9 And I was satisfied, I guess, that that was going to be the case  
10 based on Dr. Rumbaugh, Dr. Savage-Rumbaugh, board members and  
11 Mr. Simpson's, you know, words to me.

12 Q. Would you have taken on the role of Director of Research for  
13 ACCI if Dr. Sue had not told you she was no longer going to be  
14 involved?

15 A. Absolutely not.

16 Q. Can you explain for the court -- well, first off, can you  
17 identify Dr. Hopkins?

18 A. Sure. Dr. Bill Hopkins is a professor at Georgia State  
19 University. He's also the science director at the Ape Cognition  
20 and Communication Institute.

21 Q. And what's your understanding of how Dr. Hopkins got  
22 involved?

23 A. After receiving that initial e-mail from Dr. Duane Rumbaugh  
24 in, again, the fall of 2013, I contacted Dr. Hopkins and invited  
25 him to come visit with me.

1 Q. And did he eventually agree to get involved as well with  
2 ACCI?

3 A. Yes, he did. In fact, after our initial visit, I was much  
4 more reticent I would say than he was. He was excited about the  
5 prospect of being able to -- we both wanted to do something  
6 positive for the apes obviously. He felt that we could make it  
7 a reality, whereas I was perhaps a bit more cautious.

8 Q. And what was his role that he took on when he first started?

9 A. He took on the role of science director.

10 Q. Did you eventually become a member of the Board of Directors  
11 of ACCI?

12 A. Yes. When ACCI was formed on December 18, 2013, I became a  
13 member of the Board of Directors.

14 Q. At that time, who were the other members of the Board of  
15 Directors?

16 A. At that time George Caudill, Tom Watson, Meg Schneider-Fitz,  
17 Steve Boers, Julie Gilmore, Dr. Bill Hopkins, and myself.

18 Q. And has that membership of the board changed over time?

19 A. Yes.

20 Q. Are -- who are its current members?

21 A. The official current members include the list I just gave,  
22 with the exception of Mr. Steve Boers who resigned from the  
23 board in September of 2014.

24 Q. And are there new members to the board since that time?

25 A. There are new members that have agreed we will officially

1 appoint them. Although some of them are already acting in that  
2 capacity, we'll officially appoint them at our next face-to-face  
3 board meeting, but they include Al Setka, they include Jill  
4 Pruettz, P-R-U-E-T-Z, and Steve Clark, Steven Clark.

5 Q. Does ACCI have employees?

6 A. Yes.

7 Q. And can you give the judge a brief overview of who the  
8 employees are?

9 A. Sure. With specific individual names or --

10 Q. Sure.

11 A. Okay. So we currently employ basically two full-time and  
12 one half-time, what we call animal care technicians; but there's  
13 a bit of a transition in the works right now, so I'll just try  
14 to describe that. Heather Housh and -- oh, my, gosh, sorry,  
15 blanking on their names -- and Elizabeth Cleveland are two  
16 full-time animal care technicians. We have a half-time animal  
17 care technician, Gaila, G-A-I-L-A, Conklin. Heather Housh  
18 resigned two weeks ago. She's going back to school. And  
19 basically we have just made an offer to another individual who  
20 has provisionally accepted.

21 In addition to those animal care staff, we have a  
22 research coordinator, and we also have two additional graduate  
23 research assistants. So that concludes the paid individuals --  
24 I'm sorry, and Dr. Gilmore is paid a very small monthly sort of  
25 retainer, if you will, as our attending veterinarian.

1 Q. What are the job duties of the animal care employees?

2 A. Basically their job entails taking care of animals. A  
3 typical day would involve preparing food, shifting the apes from  
4 their sleeping -- where they slept to an outdoor yard if it's  
5 nice weather or another yard. We usually do foraging activities  
6 for the apes so they will be dispersing food in different  
7 locations. They're also responsible for sort of setting up  
8 enrichment devices or giving the apes other forms of enrichment.  
9 They do a lot of husbandry training, and by that it's very  
10 important to, obviously, be able to monitor the health and well  
11 being of the apes. And so the way we do that is we like to use  
12 anesthesia as infrequently as possible, and you can very  
13 readily, especially with our bonobos, train them or teach them,  
14 if you will, to participate in presentation of their body parts.  
15 And so they're able to -- the animal care staff help us with  
16 that as well. They also on occasion would be hopefully able to  
17 help with research, but we haven't had that much yet.

18 Q. What does the research coordinator do?

19 A. The research coordinator is basically -- as I mentioned  
20 yesterday, I'm there about six days a month. The research  
21 coordinator is basically my eyes and ears while I'm not there,  
22 so she or he helps me to coordinate activities at the facility  
23 on a daily basis. We are in basically constant contact with one  
24 another, and so it's a main sort of sounding board for me to  
25 understand what's going on at the facility and to communicate

1 what I would like to see happen.

2 Q. And is there a contingent of volunteers that works with ACCI  
3 as well?

4 A. There are a contingent of volunteers. Volunteers are  
5 absolutely vital to what we've got going on, and we are very  
6 grateful to have the support. They do lots of different things;  
7 assist us with cleaning, food preparation, picking up our food  
8 donations, doing other shopping types of things, basically, with  
9 the exception of feeding the apes and shifting the apes, help us  
10 with just about anything. We've had volunteers help us with  
11 taking care of the grounds and building climbing structures and  
12 designing educational material for school groups that come  
13 through, sometimes even leading those school groups, so --

14 Q. Okay. And how does ACCI fund its operation?

15 A. So we have a number of different avenues for that. We have  
16 existing grants that fund those operations, and when I say  
17 "grants," I'm referring to research grants that either come from  
18 public or private foundations or agencies that fund scientific  
19 research.

20 The second way we have that is that we've formed a  
21 consortium, which I'm not an attorney, but as far as I  
22 understand, it's just a legal entity agreement. The members of  
23 that consortium as of now are ACCI, Kennesaw State University,  
24 Georgia State University and Drake University, and what --  
25 effectively what happens with the consortium is that consortium

1 members pay an annual fee and in exchange for the annual fee  
2 faculty and students would have access to the facility.

3 Q. Has ACCI secured in kind or reduced cost support from the  
4 community?

5 A. Yes. So -- I should have also finished with the funding  
6 sources. So, in addition to that -- so I would call that maybe  
7 institutional support -- we also have received private  
8 donations. Individuals both on our board and in the community  
9 donate cash. So, I mean, for example, board member -- financial  
10 donations from board members for 2015 my best guess right now is  
11 somewhere in the order of \$28,000 just from board members.  
12 Going outside of that, I don't have the number for individuals.  
13 We also recently lost a corporate sponsorship program, and we've  
14 done actually -- I'm actually thrilled with how well we've done  
15 with that.

16 In addition to that, yes, we receive in kind type  
17 donations or reduced cost services from -- for example, three  
18 Hy-Vee grocery stores in the Des Moines area donate food, as  
19 does Anderson-Erickson Dairy. So we do buy some of our food,  
20 but they buy a large portion of it. In addition to that, we  
21 have a marketing group that works with us for free, we have  
22 attorneys, and I think that's just about it.

23 I would like to mention, by the way, that the  
24 donations that we receive, whether they be in kind or cash  
25 donations, are used to fund the care and welfare of the apes.

1 They don't fund science. We use scientific grants to fund  
2 science.

3 The final source is collaborations with other PIs  
4 basically at other institutions, so they'll come in, they want  
5 to collect some data. They submit an IACUC protocol. It gets  
6 reviewed by our IACUC. Sometimes there's a little back and  
7 forth where they have to revise and resubmit. Once they do and  
8 that protocol gets approved, they'll come to me and we'll work  
9 out some way, schedule a visit. They'll come and collect data  
10 and basically, for lack of a better way of describing it, we  
11 charge them for the opportunity to collect data at the facility.

12 Q. Let's shift slightly to discuss one item that was discussed  
13 with Dr. Gilmore briefly yesterday, but I want to give a little  
14 context. Are you familiar with the Species Survival Plan that  
15 she mentioned in her testimony?

16 A. Yes, I am.

17 Q. Is that Species Survival Plan tied to an entity of any sort?

18 A. I believe it is an organization that stands alone. It is  
19 housed or hosted by -- hosted I think is a better word by the  
20 Milwaukee County Zoo, but it is an entity, and my understanding  
21 is that it's a distinct entity of its own.

22 Q. And do you recall if participation in the Species Survival  
23 Plan was something that had been discussed during the joint  
24 meeting that you had with Bonobo Hope and ACCI last year?

25 A. It was most definitely discussed during that meeting.

1 Q. Is ACCI regulated by any governmental or other entity?

2 A. Yes.

3 Q. What entity or entities?

4 A. The USDA, United States Department of Agriculture.

5 Q. Can you briefly describe for the court what that regulatory  
6 relationship is?

7 A. Sure. So given the nature of our facility, we actually have  
8 two licenses from the USDA, an exhibitor's license and a  
9 research license. We are primarily a research facility, so the  
10 USDA inspects us regularly, and those are often -- or I should  
11 say are most often surprise visits, if you will, unannounced,  
12 and they will basically review protocols for animal care, animal  
13 husbandry and research activities, but include also things like  
14 security, disaster planning, all that kind of things.

15 So that is -- we have a USDA inspector. I believe it  
16 would be a regional -- an individual handler for the region.  
17 Fortunately, ours has primate experience. On a date that she  
18 does an inspection -- I've been fortunate enough to be there for  
19 one of them -- she'll come in, she will tour the facility,  
20 inspect our food prep areas, inspect all of our logs to which  
21 there are very many, as they say in this sort of business if you  
22 don't write it down, you didn't do it, so we have logs for just  
23 about everything. She also meticulously looks through all of  
24 our protocols and standard operating procedures.

25 Q. If there's some concern by the USDA, do they write you up or

1 put a report in?

2 A. Yeah. There would be a way to issue, I guess it would be --  
3 I'm looking for the term, I want to say citation, but that's not  
4 correct; a violation.

5 Q. Has ACCI had any violations within the time that you've been  
6 involved?

7 A. No, they have not. No, we have not.

8 Q. Yesterday we briefly discussed the Yerkes facility.

9 Do you recall that testimony?

10 A. Yes.

11 Q. Okay. I don't know if I asked you, what is the Yerkes --  
12 what is Yerkes? Can you briefly describe that?

13 A. The Yerkes, Y-E-R-K-E-S, National Primate Research Center.

14 Q. And what does that national primate center do?

15 A. There's a number of national primate research centers. I  
16 don't know the number off the top of my head. There's one in  
17 Wisconsin. There's a couple -- basically they're part of a  
18 national primate research center system which house primates,  
19 but in the case of Yerkes also lots of other animals and  
20 basically work for different aspects of really scientific  
21 research.

22 Q. Is ACCI regulated by Yerkes?

23 A. No.

24 Q. Does ACCI have any written agreements with Yerkes?

25 A. Not at the moment.

1 Q. Does ACCI have any oral agreements with Yerkes?

2 A. No.

3 Q. Has it made any promises or commitments to Yerkes?

4 A. Commitments, no, or promises actually.

5 Q. Has Yerkes made any promises or commitments to ACCI?

6 A. Not at this point.

7 Q. Does ACCI have procedures or protocols in place with respect  
8 to its operations? You heard Dr. Gilmore talk about a few of  
9 those?

10 A. Yes.

11 Q. Is there a procedure or protocol in place for emergencies?

12 A. Yes.

13 Q. Or natural disasters?

14 A. That is actually a relatively new USDA requirement that you  
15 need to have a disaster plan.

16 Q. And ACCI does have a disaster plan in place?

17 A. ACCI does have a disaster plan.

18 Q. And that disaster plan would have been reviewed presumably  
19 by the USDA in one of these visits?

20 A. Absolutely.

21 Q. Does ACCI have committees that assist the board in operating  
22 the facility?

23 A. Yes.

24 Q. And what are they?

25 A. Well, we have a scientific advisory panel. That body is

1 probably the main for providing, for lack of a better way of  
2 saying it, external peer review of what we're doing. And I mean  
3 that with regards to both the health and welfare of the apes,  
4 management policies, but also security issues, emergency  
5 preparedness, things like that.

6 Q. And who are -- who sits on that committee?

7 A. So --

8 Q. If you can describe generally for the court?

9 A. Okay. So not individual names?

10 Q. Yes.

11 A. They include individuals that have extensive experience in  
12 great ape care, management and, you know, working with apes in  
13 behavioral research contexts.

14 Q. There's also an IACUC committee, is that correct?

15 A. That is true.

16 Q. You sit on the IACUC committee?

17 A. I do.

18 Q. Has the IACUC committee that you sit on received any  
19 proposals for research from a member of Bonobo Hope?

20 A. No.

21 Q. And I mean the current BHI board.

22 A. No, although I believe that Dr. -- not doctor, that Mr. Itai  
23 Roffman is preparing one. I could be wrong about that, but we  
24 had e-mail exchanges and I sent him the application for the  
25 protocol form.

1 Q. I would like to talk to you a little bit about the bonobos  
2 in residence.

3 A. Uh-huh.

4 Q. Who are the bonobos in residence at the colony currently?

5 A. So we have Kanzi, Elikya -- I don't know if you want me to  
6 say something about them or --

7 Q. Just name them off.

8 A. Kanzi, Elikya, Maisha, Teco, Nyota.

9 Q. How long have you worked with the colony or members of the  
10 colony?

11 A. I first began working with Kanzi in 1998. I was working  
12 with him when he was at the Georgia State University Language  
13 Research Center, and I worked with him from 1998, roughly May of  
14 1998 until October of 2004 on a near daily basis; the same goes  
15 for Elikya and the same goes for Nyota, and, I'm sorry, the same  
16 goes for Maisha, but Maisha wasn't born in 1998, so I was there  
17 actually when he was born.

18 I returned again, as I mentioned earlier, for an  
19 initial visit in October. I believe my next visit after that  
20 was December, and I worked with them on a daily basis when I'm  
21 in Des Moines, save the last two-and-a-half days.

22 MR. MILLER: Your Honor, at this time I would like to  
23 publish a photograph as a demonstrative exhibit that I've  
24 previously shared with counsel.

25 THE COURT: Please.

1 BY MR. MILLER:

2 Q. Dr. Taglialatela, we've put a photograph -- it's actually  
3 three photographs side by side. Who is depicted in that  
4 photograph?

5 A. That's Kanzi.

6 Q. And when you're here in Des Moines since your time with  
7 ACCI, you've worked with the bonobos yourself directly?

8 A. Yes, absolutely. I work with the bonobos, you know,  
9 depending on what the day -- as you can probably imagine, I'm  
10 fairly busy on the days that I'm here; but as often as I can,  
11 I'm working with the bonobos. And to be quite frank, that has  
12 included things such as collecting data for colleagues or for  
13 graduate students or my own projects. It's also included  
14 cleaning the cages and moving the apes and training our new  
15 staff because we have new animal care staff and research staff  
16 that work with the apes. So I've been doing a lot of that hands  
17 on when I'm here as well.

18 Q. Did you know a bonobo by the name of Matata?

19 A. Yes.

20 Q. And did Matata pass away since you began working with ACCI?

21 A. Yes. To the best of my recollection, Matata passed away in  
22 June of 2014.

23 Q. Were you surprised when that occurred?

24 A. I was surprised when that occurred. I was also sad when  
25 that occurred. Matata was the second oldest bonobo in captivity

1 when she passed away. She was wild caught, so her age is a  
2 little unknown, but we guesstimated 45. As a colleague of mine  
3 commented to me, she was old when I met her; but she also was by  
4 all outward appearances healthy, and the main -- I've seen video  
5 of her the day before, and she was foraging in her yards and  
6 acting otherwise normal during the course of that day. In fact,  
7 the USDA inspected us I think a couple of days later and was  
8 shown the same video that I was shown because I was not in town  
9 when it occurred and came to the same conclusion that I came to.

10 Q. You're not a veterinarian, correct?

11 A. No.

12 Q. And Matata was under the care of Dr. Gilmore at that time?

13 A. Yes, she was.

14 Q. Do you have any concerns about the care that was provided  
15 Matata?

16 A. No, no. I mean, Dr. Gilmore was in close contact with me  
17 about -- is always in close contact with me about their care.  
18 So if I have a concern, I would voice it to her directly.

19 Q. Is ACCI providing for the emotional health of the bonobos?

20 A. Absolutely.

21 Q. And how is it doing that?

22 A. Well, I mean, we do that in a number of ways. You know, I'm  
23 not sure if it's appropriate, but I mean, I've heard a lot of  
24 testimony from people that, I mean -- you know, I've worked with  
25 apes for going on nearly 20 years now, and I see these apes or

1 apes at other facilities, which I think is probably one of the  
2 important things to remember, a lot. I've worked with bonobos  
3 at Milwaukee County Zoo. I've worked with bonobos at  
4 Jacksonville Zoo. I've worked with obviously the bonobos that  
5 are now in residence at ACCI. I've worked with chimpanzees,  
6 literally hundreds of chimpanzees at research facilities, at  
7 zoos and even in sanctuaries.

8 There's a number of ways that you can both provide and  
9 then not only just provide and say we're doing something, but  
10 assess whether or not you're effective at doing what you say  
11 you're doing. Apes are extremely intelligent. The way apes got  
12 to be extremely intelligent is because they live in very  
13 complex, dynamic environment that is both socially rich and  
14 geographically or what we would call ecologically rich; in other  
15 words, it's a complex environment.

16 If you're a bonobo living in the wild or, for that  
17 matter, a chimpanzee living in the wild, your biggest challenge,  
18 right, is finding food. It's hard to find food, and you need  
19 help from other individuals. So the way we provide for the  
20 emotional well being of the apes in captivity is to provide them  
21 under the rich environment in which they basically need to --  
22 you know, are stimulated emotionally and socially and  
23 intellectually, and we do that in very specific ways; by giving  
24 them extractive or challenging foraging tasks that challenge  
25 them.

1           So, for example, we're doing things where we would  
2 maybe provide, you know, simulated termite fishing devices,  
3 where you would put some food and whatnot in a tube and allow  
4 the apes to use a stick to kind of extract food. We do a lot of  
5 different foraging activities outside, take advantage of those  
6 human spaces, provide food. They're foraging in the wild. The  
7 apes actually love that, right. Kanzi likes to sit at a  
8 computer and work all day, he does that in front of us, but he  
9 also likes foraging, and he's out there doing that all day long.

10           The environment itself also provides some degree of  
11 enrichment. You know, we have wildlife that the bonobos enjoy  
12 chasing off, geese mainly and the unfortunate bunny once in a  
13 while, and so we do all of these things to provide. And then  
14 what we do is we assess that. We assess, hey, are we doing a  
15 good job at what we think we're doing a good job of.

16 Q. Okay. Since you're getting excited in the explanation, I  
17 would just ask you to slow down a little bit for the benefit of  
18 the court reporter.

19 A. Oh, I'm sorry.

20 Q. How do you assess the emotional state or what you've just  
21 described?

22 A. Well, so, for -- in a number of ways. The people that take  
23 care of the apes on a daily basis discuss how the -- you know,  
24 discuss our impressions, subjective impressions of how the apes  
25 are feeling that day, their activity level. We record

1 meticulously how much food they're eating. Now that it's summer  
2 and we have a couple of interns starting, we're also initiating,  
3 although it hasn't started yet, basically a study looking at the  
4 social interactions of the apes, so where they're spending their  
5 time and with who. We also look at their physical appearance.  
6 So if you look at the pictures up here, I mean, for example --

7 Q. Hold on one second.

8 A. Sure.

9 MR. MILLER: Madam court reporter, did you -- excuse  
10 me; madam court attendant, did you say there's a device that we  
11 could have him point with?

12 THE CLERK: Yes.

13 THE WITNESS: Yeah, the screen is really dark.

14 MR. MILLER: Let me approach here.

15 THE WITNESS: I can use the screen.

16 MR. MILLER: Well, I just want you to be able to  
17 illustrate for the court --

18 THE CLERK: May I?

19 MR. MILLER: Hold on one second, Doctor.

20 (Clerk conferring with witness.)

21 BY MR. MILLER:

22 Q. Dr. Taglialatela, using the demonstrative exhibit and the  
23 gesturing tool that the court attendant just showed you, could  
24 you explain for the court what you're just about to describe  
25 with respect to physical condition?

1 A. Yeah. So this is a picture of Kanzi. Kanzi will be 35 in  
2 October, and these are pictures basically from 2011, the one --  
3 the picture from 2011 was taken as a still shot from some video.  
4 There's a picture from 2013. And, by the way, I think this is  
5 May of 2011. I don't know about 2013, and this is May of 2015.

6               Okay. So just a couple of things that I want to  
7 highlight with regard to how we assess physical condition of the  
8 apes. You can see Kanzi in this picture, and probably the most  
9 obvious thing to anyone who looks at this would notice that  
10 Kanzi's physical appearance is largest in the middle picture, in  
11 2013. In 2011 he does seem thinner, but it's not necessarily a  
12 good thing. He's missing hair you can see quite readily over  
13 here (indicating), all along his arms, and in addition to  
14 missing hair, he's quite ashy, which is an indication that the  
15 skin is dry. Now if this were February, I think it could have  
16 been explained, well, maybe it was a particularly bad winter in  
17 2011, dry skin. In my opinion, that's a reflection of diet  
18 that's led to that dry skin. He does also appear to be  
19 strangely enough -- this isn't visible in the other pictures, so  
20 I can't say a whole lot of it, some redness on his genitals, so  
21 I'm not really sure about any of that.

22               But one other thing to notice is that there's very  
23 little muscle tone. I mean, these are apes. They're strong,  
24 powerful animals, and there's very little muscle tone.

25               Now, if you look at the picture -- I'm going to clear

1 this. If you look at the picture of 2013, okay, Kanzi's skin, I  
2 mean, at least from the quality of this picture, seems better.  
3 It seems like his hair is coming in a bit more, but he's also,  
4 for lack of a better word, enormous. I mean, an adult male  
5 bonobo should weigh approximately 145 pounds. Kanzi in this  
6 picture I would guess is at least 210, morbidly obese by all  
7 definitions. Okay. The No. 1 cause is heart disease or what --  
8 I don't know the technical term for it in captive bonobos.  
9 Clearly, this condition is extremely dangerous for Kanzi.

10 Now, if you look at 2015 -- and, again, we just took  
11 this picture the other day; I didn't take it, but someone else  
12 took it the other day -- couple of things: Hair and skin are in  
13 great condition. Also what you can see -- and I don't know if  
14 it's very clear. Yeah, I think it's actually clear. You can  
15 see actual muscle tone, and this comes from activity. I  
16 mentioned yesterday we enhanced the facility by building  
17 climbing structures indoors and out, by having them do, in  
18 addition to all their cognitive and behavioral testing,  
19 extractive foraging tasks, tasks that get them moving around in  
20 their environment, all right. That's the kind of things that  
21 contribute to the health.

22 And one final thing and, again, maybe this -- I'll  
23 admit maybe it may not be a fair comparison given the picture  
24 that's up there. Look at Kanzi's eyes. They're bright, right,  
25 the skin across his face is looking taut, is looking alive, if

1 you will, and that's one of the measures that you use.

2 MR. STAMBAUGH: I'll object to the witness's testimony  
3 to the extent it calls for a medical opinion. He's already  
4 testified he's not a veterinarian.

5 THE COURT: Received, subject to the objection. The  
6 answer is in.

7 BY MR. MILLER:

8 Q. Did you make any observations of the physical health of the  
9 other bonobos when you made your return visit in the fall of  
10 2013 to the Des Moines facility?

11 MR. STAMBAUGH: Same objection.

12 THE COURT: Same ruling.

13 A. I will say that overall, including Kanzi -- you know, I have  
14 the benefit of hindsight when I look at this picture now. My  
15 initial impression in the fall of 2013, especially considering  
16 what I was expecting to see, was that the apes were -- you know,  
17 they were still there, and that was pretty good, and none of  
18 them were exhibiting any obvious signs of physical distress.

19 BY MR. MILLER:

20 Q. Has their physical condition from your observations changed  
21 over time?

22 MR. STAMBAUGH: Same objection.

23 THE COURT: Overruled.

24 A. Yes.

25 BY MR. MILLER:

1 Q. And how so?

2 A. I think we can look at the photo of Kanzi, and there are  
3 similar ones to be had for the other apes. When I began,  
4 Elikya's skin was not very good at all, and she basically had  
5 literally not much hair except for the top of her head. I don't  
6 have it with me, but for those of you who follow us on Facebook  
7 would have seen a picture of Elikya just a couple of days before  
8 where she's basically unrecognizable from that earlier photo;  
9 bright eyes, great looking skins, shiny coats.

10 I've had a number of colleagues visit the facility,  
11 these are people that have worked with apes in captive settings  
12 for years, decades, not just a visit five days here and only see  
13 these bonobos. I'm talking about individuals that have  
14 dedicated their lives, and they have commented. The one comment  
15 we get most often is I cannot believe how good the apes look.

16 Q. The court record of prior testimony will reflect what it  
17 does; but if there's been any claim with respect to the apes not  
18 doing well, do you agree with that?

19 A. No.

20 Q. Why is that?

21 A. Well, I guess for the reasons I just gave you. I mean --

22 Q. You were in the courtroom yesterday when Mr. Sheldon  
23 explained the plan for the Missouri facility, correct?

24 A. Yes.

25 Q. Based on your experience and training, what do you think

1 about that plan?

2 A. I'm sorry, what did I think of the facility?

3 Q. Yes, based on -- yes, based on your experience and training,  
4 what do you think of that plan and facility?

5 A. I mean, I think that -- before I say anything, I think that,  
6 you know, Mr. Sheldon should be commended for the generosity to  
7 say the least on what he is willing to put forth. I think  
8 that's really commendable.

9 To be quite frank -- and I also would like to say that  
10 I appreciate the perspective of simplifying the building  
11 structure as much as possible. That lowers maintenance costs  
12 and also increases probably reliability, right. It's probably  
13 easier to take care of a Toyota than it is a Lamborghini.

14 With that said, in this day and age, the facility is  
15 primitive and is not really appropriate for apes.

16 Q. And why do you say that?

17 A. You know, I heard talk of large outdoor spaces and outdoor  
18 play yards, but we didn't see any -- I haven't seen any pictures  
19 of those, and to contain the apes in effectively cages inside of  
20 what looks like, you know, a Morton building is, in my mind, not  
21 what anyone should be moving towards. You know, I've spent 11  
22 years working at the Yerkes Primate Center, which includes the  
23 main center in which the apes are in indoor/outdoor runs that  
24 are concrete floors and metal caging, and it's not acceptable.  
25 And as far as I can tell from that facility, they don't even

1 have the outdoor part built.

2 Q. I would like to switch subjects with you --

3 A. Sure.

4 Q. -- and talk with you a little bit about research.

5 There's a binder next to you in the --

6 MR. MILLER: May I approach, Your Honor?

7 THE COURT: You may.

8 MR. MILLER: Thank you.

9 BY MR. MILLER:

10 Q. Dr. Taglialatela, I put in front of you what was previously  
11 admitted as Exhibit 1006.

12 Do you see that there?

13 A. Yes. ACCI Active Research Protocols?

14 Q. Correct. And in preparing for this proceeding, did you  
15 alert me that that document was actually out of date?

16 A. Yes, it is.

17 MR. MILLER: Your Honor, I have a demonstrative  
18 exhibit that I would like to put up on the board that is an  
19 update to that exhibit. I've shown counsel. Would that be  
20 permissible? I would like to publish that.

21 THE COURT: You may.

22 MR. MILLER: Thank you.

23 BY MR. MILLER:

24 Q. So Exhibit 1006 is list of active research protocols, at  
25 least through the date of when that document was produced, with

1 Bonobo Hope and Dr. Savage-Rumbaugh?

2 A. Yes.

3 Q. And then if you refer to the board, does the demonstrative  
4 exhibit that's been placed on the board there reflect additional  
5 research protocols that have been approved since that time?

6 A. Yes. It looks like it includes the addition of three  
7 protocols, three additional protocols.

8 Q. Is there additional information that supports each of these  
9 proposals?

10 A. Yes. These are just a list of names of the PIs, principal  
11 investigators, as well as the title of the proposal, I think  
12 also, I guess, their animal use protocol number, which is what  
13 AUP number stands for, their approval date and their end date.

14 Q. Generally speaking briefly, what kind of information would  
15 back or be behind these protocols?

16 A. Okay. The Institutional Animal Care and Use Committee is in  
17 place to review research protocols. So the protocol itself  
18 contains everything an individual would need to evaluate both  
19 what's going to be done and whether it's important for that  
20 research to be done and any potential harm or discomfort to the  
21 animals. So it includes all of the details that a layperson  
22 would need to evaluate them.

23 Q. So that information would have been approved -- or reviewed  
24 and approved by the IACUC committee?

25 A. That is correct.

1 Q. The IACUC?

2 A. That's correct.

3 Q. Did the ACCI agree to voluntarily produce the list in 1006  
4 to Bonobo Hope previously?

5 A. This exhibit?

6 Q. Not that exhibit, but 1006 which is the one that we actually  
7 marked Exhibit 1006.

8 A. Oh, I'm sorry, I apologize. I believe so, yes.

9 MR. STAMBAUGH: I just want to note for the record  
10 that counsel is talking about a document -- counsel is showing a  
11 document that was not given to counsel for BHI until yesterday,  
12 so I believe the witness's testimony that the previous document  
13 that we're not looking at on the screen was given to us. Is  
14 that right?

15 MR. MILLER: That was my understanding.

16 BY MR. MILLER:

17 Q. Dr. Taglialatela --

18 A. I'm not sure I followed all of that.

19 Q. Yes. Let me make sure it's clear for the court.

20 Exhibit 1006 had been previously produced to Bonobo  
21 Hope, correct?

22 A. That is my understanding, yes.

23 MR. STAMBAUGH: Correct. Which is not the document  
24 being shown on the screen right now?

25 THE WITNESS: Yes.

1 MR. MILLER: So stipulated.

2 BY MR. MILLER:

3 Q. Have any publications resulted from the research reflected  
4 in 1006 or on the update that's on the screen?

5 A. To my knowledge at this point, no publications.

6 Q. Why not?

7 A. Well, if you look at the dates of approval, we -- you know,  
8 those are -- the earliest one is the end of April of last year.  
9 I mean, research projects take time to collect data, analyze the  
10 data, write up the data, submit the paper, and in most cases get  
11 the paper back. So, I mean, it's just that it takes time. It's  
12 too soon.

13 Q. Are you able to predict when there may be publications?

14 A. I think we're far enough along on -- and, again, you'll have  
15 to bear with me without going into too much detail. Depending  
16 on the journal you submit the paper to, some of them will turn a  
17 paper around to you in ten days, and some of them will take four  
18 months, so that would be a thing. But I think we may have  
19 something in press, which means it's been accepted but hasn't  
20 been released, by the end of the calendar year.

21 Q. And those would be peer-reviewed publications?

22 A. Of course.

23 Q. I think you told the court briefly previously that with  
24 respect to your CV that you publish research yourself,  
25 Dr. Taglialatela?

1 A. Yes.

2 Q. Have you published with Dr. Savage-Rumbaugh in the past?

3 A. I have.

4 Q. Do you know when the last article you published with her  
5 would have been? And if you want to refer to your CV, it's  
6 Exhibit 1007. And, Doctor, it should be in the binder right in  
7 front of you.

8 A. The one that's in here?

9 Q. Yes.

10 MR. MILLER: Your Honor, while he's looking for that,  
11 I would move Exhibit 1007 into evidence.

12 (Plaintiffs' Exhibit 1007 was  
13 offered in evidence.)

14 THE COURT: Is there objection to 1007?

15 MR. STAMBAUGH: Only the objections listed on the  
16 pretrial order. I'll reassert those.

17 THE COURT: Exhibit 1007 is received, subject to those  
18 objections.

19 (Plaintiffs' Exhibit 1007 was  
20 received in evidence.)

21 A. Okay. So I divide my CV because it's standard to do this.  
22 Publications are divided into what we would call research  
23 papers, which are mostly going to be reporting primary research  
24 that I or colleagues have done. That research would then be  
25 peer-reviewed by colleagues, appointed by an editor of a

1 journal, and then published. This would be what we would call  
2 primary data.

3 So that section appears the last paper I coauthored  
4 with Dr. Savage-Rumbaugh was published in 2004.

5 I also have a number of book chapters. Some of those  
6 are peer-reviewed, some of them are not. They're usually more  
7 review type -- not really theoretical, but review where you're  
8 sort of considering a corpus of data or previously published --  
9 actually I don't think this is a complete copy of my CV. It  
10 stops at page 8, and I think it should be like 17 pages.

11 So book chapterwise, it looks like it was 2004, but  
12 they're chronological from start to finish, so it could be  
13 later. I don't have it in front of me.

14 MR. MILLER: Your Honor, may I approach?

15 The copy I have in this notebook has additional pages.  
16 I don't know if that was simply an administrative error that we  
17 didn't get the full copy in the notebook.

18 THE COURT: You can show that to him to refresh his  
19 recollection.

20 BY MR. MILLER:

21 Q. I mainly just want to make this available to you.

22 A. It says 8 of 16. There's no 9.

23 Q. Dr. Taglialatela, why have you not published with Dr.  
24 Rumbaugh since 2004?

25 A. We stopped working together in 2004.

1 Q. Yesterday there was some testimony regarding minimally  
2 invasive or invasive research. I think it's also been referred  
3 to as biomedical research at some point in time. Does that term  
4 have meaning to you in your experience?

5 A. I mean, those terms are very nebulous in my experience, and  
6 I think biomedical and invasive should not be the same.

7 Q. Okay. Do you have an understanding of invasive research  
8 based on your training and expertise?

9 A. My definition of invasive research would be research that  
10 does something to sort of alter the animal, if you will. So  
11 once upon a time -- this hasn't been done in a long time as far  
12 as I understand now -- chimpanzees were used for hepatitis B  
13 research. I'm not talking about bonobos. I'm talking about pan  
14 troglodytes. As part of those procedures, they would take  
15 biopsies of their spleens, for example. That would clearly be  
16 defined as a surgery. It's clearly defined as invasive.

17 I think an argument could be made that withdrawing  
18 blood has some degree of invasivity, right, I mean the word  
19 coming from invading the body at some level. I restrict -- I  
20 try to avoid the use of the term because it doesn't have a  
21 clearly accepted definition; but I would say permanently  
22 altering the animal is my definition of invasive.

23 Q. Do you have -- similarly, do you have an understanding from  
24 your experience of what biomedical research has -- or what  
25 meaning that has?

1 A. Yes. And I will sort of give my definition acknowledging  
2 that the common use of the term has a negative connotation that  
3 I don't agree with. In my mind, biomedical research is research  
4 that can benefit human health. That's the biomedical part,  
5 okay. That's not the way it's used conventionally.

6 Q. And does ACCI have any protocol in place involving invasive  
7 research?

8 A. Invasive research the way I've described it, no.

9 Q. Does ACCI have any plans to do invasive research?

10 A. Absolutely not. In point of fact -- oh, sorry.

11 Q. Go ahead, please.

12 A. I think it is -- I'm fairly certain it is illegal to do  
13 invasive research on bonobos as dictated by the Endangered  
14 Species Act.

15 Q. Has ACCI taken the lexigram keyboards away from the bonobos?

16 A. No.

17 Q. Do you have any understanding where this notion arises?

18 A. I have no understanding. That is positively ridiculous. In  
19 fact, we're constantly thinking of new ways to invent, to keep  
20 the lexigram keyboard used, you know, as we're thinking of new  
21 ways to do it. If I may, we last summer built a climbing  
22 structure, I think I mentioned yesterday, beautiful outdoor play  
23 yards. Bonobos are arboreal, which means they spend time in  
24 trees. They like to be up high, they like to climb, and they  
25 like to hang out up high. There were no climbing structures in

1 these beautiful yards, so we built a climbing structure to see  
2 if it would be used. Well, Kanzi was very excited to see -- or  
3 very interested, I should say, to see the Director of Science,  
4 the Director of Research, one of our staff member's husbands and  
5 a graduate student of mine, you know, with power tools building  
6 a climbing structure in his yard. And when he was inside  
7 wanting to be let out, he said a number of things and then said  
8 tree house.

9 Now, the tree house was a location that  
10 Dr. Savage-Rumbaugh had built in the facility in Atlanta, and it  
11 was a place that they would visit, because one of the things  
12 that I think probably was consistent with what  
13 Dr. Savage-Rumbaugh and I initially had talked about  
14 researchwise back when I was in graduate school, you know, 15 or  
15 so years ago, was that what I just said, moving around to  
16 different spots, looking for food, thinking about whether that  
17 food was there the day before or will it be there today or  
18 tomorrow. Dr. Savage-Rumbaugh built basically a mockup of that  
19 in Atlanta. Kanzi had a place called tree house. Tree house  
20 was associated with a food. If my memory serves, it was  
21 bananas. That's what you find at the tree house.

22 So Kanzi saw us building this structure. He used his  
23 keyboard calling it tree house. Staff were talking to me that  
24 night because we were talking about it, and they told me that  
25 story, and I was, like, that's awesome. I was floored. And not

1 to mention, we then decided, well, we need to call this thing  
2 something, let's call it tree house, and the next morning we  
3 painted the lexigram on it for tree house, and it's the tree  
4 house and everyone calls it the tree house.

5 Q. Has anybody from the Bonobo Hope, the BHI board ever asked  
6 you if the keyboard had been taken away?

7 A. No.

8 Q. Have you banned any form of communication with the bonobos?

9 A. No, absolutely not.

10 Q. Do you require the use of face masks and gloves?

11 A. Absolutely do.

12 Q. Why?

13 A. Because the apes are susceptible to respiratory diseases.  
14 Dr. Gilmore testified yesterday that Panbanisha died of acute  
15 respiratory distress. I've seen her necropsy report, and I'm  
16 not a veterinarian, but I've asked other veterinarians to look  
17 at it, and the only thing of concern was her morbid obesity.  
18 I'm concerned about the effect that a respiratory illness will  
19 have on our colony.

20 Teco before we instituted this policy became gravely  
21 ill last May with a respiratory infection. If it weren't for  
22 the heroic efforts of Dr. Gilmore, as well as a pediatric, human  
23 pediatric pulmonary specialist, who not only brought his  
24 equipment but medicine, quite frankly, I'm not sure Teco would  
25 still be here. Dr. Gilmore saved him based on her heroic

1 efforts, and I've worked with many veterinarians through the  
2 course of my career, and what Dr. Gilmore has done was above and  
3 beyond what you normally see because of her relationship with  
4 the apes. I don't ever want to repeat that.

5 All of the staff, you know, don't like wearing face  
6 masks, but they all understand why we do it. In fact, probably  
7 the biggest person who doesn't like it the most is Dr. Hopkins,  
8 but we all do it because it's what's in the best interests of  
9 the apes.

10 Now, I will add, with that said, if it's necessary and  
11 someone can justify it in their IACUC protocol, we have a  
12 provision that allows that it's not be used for certain IACUC  
13 protocols, but no one has tried to justify not using face masks,  
14 but the IACUC would certainly review it and entertain it.

15 Q. Have you been in any other forms of interaction with the  
16 bonobos?

17 A. Could you be more specific? I don't know what --

18 Q. Are you preventing them from interacting in any way with  
19 humans that are working with them?

20 A. No.

21 Q. Has ACCI continued to bar Dr. Savage-Rumbaugh from access in  
22 the facilities since you've become involved?

23 A. Yes.

24 Q. Why?

25 A. I believe that Dr. Rumbaugh poses a safety risk to the

1 bonobos and to the people that she works with.

2 Q. What's the basis for that conclusion?

3 A. The basis for that is my past experiences working with her.

4 Q. Can you describe briefly for the court what you mean by  
5 that?

6 A. I personally -- and, again, we're going back now to the time  
7 that I was in graduate school, between the periods of 1998 and  
8 2004 -- have witnessed unsafe practices. By that I mean locks  
9 off of cages, diets not being followed, allowing apes to get out  
10 of her control and do, you know, things that either put them in  
11 harm or put humans in harm. I can be specific if you want.

12 And I probably should add that some of that is also  
13 based on information that I've directly or indirectly gained  
14 subsequent to me accepting this position in December of 2013,  
15 and by that I mean documents that refer to protocols being  
16 reversed or specific complaints that I've come upon as part of  
17 my presence at the facility.

18 Q. Is there any restriction on BHI members accessing the  
19 facility?

20 A. No.

21 Q. You've been here in court and heard complaints about  
22 accessibility by the board members, is that correct?

23 A. I have heard that.

24 Q. Have you ever purposely avoided Bonobo Hope members having  
25 access?

1 A. Absolutely not, and the only meeting, to my recollection,  
2 that I postponed was Dr. Laurent Dubreuil's, and it was because  
3 I was meeting with you to prepare for this hearing.

4 Q. Did you meet with Dr. Wildman during his recent visit that  
5 he testified about?

6 A. I did for the entire length of his visit. I invited him to  
7 lunch, but he wanted to get on the road.

8 Q. Did you put any restrictions on his access to the facility  
9 or documents?

10 A. I did not, and I believe he testified to that.

11 Q. Did you tell him you would e-mail him something afterwards?

12 A. Yes.

13 Q. Did you do that?

14 A. No, I did not.

15 Q. Why not?

16 A. Quite frankly, there were two issues. One -- and, again,  
17 this is not an excuse; it's an explanation. I have 432 e-mails  
18 in my inbox as of this morning. I simply did not get to that  
19 item on my to do list. He wanted a list of abstracts for grants  
20 we've submitted. It would take some time to pull that all  
21 together, and since the time I met with Dr. Wildman, my  
22 academic semester ended, so I had to get grades in and grade  
23 papers, I submitted a very large grant, and I had to get  
24 research graduate students up here and set up for research  
25 projects this summer.

1           So I've just -- quite frankly, it hasn't gotten -- I  
2 haven't gotten to it yet, and I regret -- you know, I apologize  
3 for that. I said I would do it and I haven't.

4           The other thing he asked for was full IACUC protocols.  
5 After reviewing that, it's come to my attention that there's  
6 some gray area, but that actually IACUC protocols are  
7 confidential and shouldn't be shared with members that are  
8 outside of the IACUC. It's a gray area. I offered them to him,  
9 but I wasn't comfortable at this point e-mailing them to him,  
10 and I needed to e-mail him to clarify that, and I haven't had a  
11 chance to e-mail him to clarify that.

12 Q. Do you think Dr. Wildman's testimony accurately described  
13 your discussion with him?

14 A. I'm sorry. Could you --

15 Q. Sure. Do you believe his testimony accurately described  
16 your discussion with him?

17           MR. STAMBAUGH: Objection; inadmissible character  
18 evidence. That's the province of the court to weigh a witness's  
19 credibility.

20           THE COURT: I'll receive it, subject to the objection.

21 A. To be honest with you, I'm trying to recall. Maybe if you  
22 would ask me specifics.

23 BY MR. MILLER:

24 Q. He testified that you provided some sort of statement with  
25 respect to assurances that you were being required to give.

1                   Do you recall that testimony?

2                   MR. STAMBAUGH: Objection, misstates the record.

3 BY MR. MILLER:

4 Q. If you don't recall, we'll just move on.

5 A. Assurances with regards to?

6 Q. Your institutions. I believe he said -- he made some point  
7 with respect to institutions multiple.

8 A. No, I don't recall that, and I think he was -- you know,  
9 assuming that somehow Kennesaw or the Yerkes Primate Center --  
10 so the Yerkes Primate Center is not funding ACCI at all at this  
11 point in time. They have literally given us absolutely not a  
12 single dollar. So Kennesaw State University, my university, has  
13 given us money both in forms of pilot grants to me and bridging  
14 funds and monies from this consortium agreement which I  
15 described earlier.

16                   So the suggestion that the Yerkes Primate Center is  
17 now contributing financially to ACCI at this point in time is  
18 absolutely false.

19 Q. Are there plans for one or more BHI members to visit the  
20 Des Moines facility tomorrow?

21 A. Yes. I had to postpone Laurent Dubreuil's visit which I  
22 think was originally scheduled for the 26th. I asked him to  
23 come tomorrow. Dr. Coxe contacted me about -- Dr. Sally Coxe  
24 contacted me about visiting. I asked her to come tomorrow when  
25 the hearing was concluded. She has agreed. I don't know if

1 we've decided on a final time, but we can work that out, and she  
2 will come and visit tomorrow. I extended that same invitation  
3 to Dr. Dubreuil. He has not at this point in time responded to  
4 me yet. Dr. Roffman similarly, and I know he would have had to  
5 extend his visit, but I have extended that invitation to him,  
6 but I haven't heard confirmation that he will be here.

7 Q. And did a Dr. Tuttle also make a visit to the facility?

8 A. Yes, he did. He's not a member of BHI, but he did make a  
9 visit yesterday.

10 Q. When the BHI members presumably visit, will they have an  
11 opportunity to review the active research protocols during that  
12 visit?

13 A. Uh-huh.

14 Q. Is that a "yes"?

15 A. Yes, of course. I'm sorry.

16 Q. You've been in the courtroom when you've heard various  
17 witnesses explain their concerns with respect to Dr. Rumbaugh's  
18 research trajectory being respected, is that correct?

19 A. Yes.

20 Q. Do you agree with that?

21 A. Do I agree with that?

22 MR. STAMBAUGH: Objection; vague and ambiguous. Agree  
23 with what?

24 BY MR. MILLER:

25 Q. Sure. Do you agree that ACCI has jettisoned, rejected,

1 destroyed Dr. Savage-Rumbaugh's research trajectory?

2 A. Absolutely not.

3 Q. Do you disagree with Dr. Rumbaugh's past research?

4 A. No.

5 Q. Do you disagree with the aspects of her past relations with  
6 the bonobos?

7 A. Yes.

8 Q. Why is that?

9 A. You know, let's look at what I would consider to be the sort  
10 of most recent peer-reviewed publications that  
11 Dr. Savage-Rumbaugh has produced. It probably takes us back to  
12 1993, which was a monograph that was produced on Kanzi's English  
13 comprehension. There may be a couple of things after that, but  
14 I'm just focusing possibly on the main largest corpus of her  
15 work. This is absolutely groundbreaking work, okay. Through  
16 meticulous data collection, controls, they -- Sue and  
17 colleagues -- I'm sorry, excuse me; Dr. Savage-Rumbaugh and  
18 colleagues discovered that a nonhuman animal, a nonhuman ape was  
19 capable of comprehending spoken English. Yes, Kanzi uses  
20 lexigrams. He probably uses lexigram to a greater extent than  
21 previous apes that have been looked at, but he understands  
22 spoken English and not just simple word identification but novel  
23 sentences.

24 So if you ask Kanzi a question, can you put the keys  
25 in the refrigerator, right, something theoretically Kanzi would

1 never hear before or never heard before, he can do that, right;  
2 absolutely groundbreaking work. It was published in a  
3 peer-reviewed publication in 1993, I think the Monograph Society  
4 for Child Development if I have that correct.

5 So I don't disagree with the profound findings.  
6 Actually before that, in the mid 1980s, Dr. Savage-Rumbaugh  
7 published a paper that I believe appeared in the Journal of  
8 Science documenting the abilities of two chimpanzees, Sherman  
9 and Austin, to exchange lexigrams, to identify items, perhaps --  
10 you know, it's a subjective impression which one was the more  
11 profound finding. Both of them are quite amazing, okay.

12 What I -- there's a famous scientist by the name of  
13 Harry Harlow. Many of you have probably heard about him. For  
14 those of you who did, I'll be very brief. Harry Harlow took  
15 monkeys and separated infants separated from their moms, put  
16 them on a wire rack with a nipple that gave milk and looked at  
17 the effects that that had on the developing individual neonate  
18 monkey, okay. Now, everyone is probably thinking, well, that  
19 sounds cruel. At the time no one really knew what would happen  
20 when you did that. There was a debate ranging in this company  
21 about whether nature or nurture was more important. Well, Harry  
22 Harlow did that, and we found out it is devastating to the  
23 emotional and neurological development of an organism when you  
24 do that type of thing.

25 Now, are we going to get -- I mean, that was his work,

1 and it was really important that we all learned that; but if a  
2 person came to you and said, hey, could we do this again, you  
3 would probably say no, right?

4 I disagree with the idea of taking a bonobo even for  
5 part of the day, rearing it with humans, for any reason, because  
6 I think that the detriment to the individual animal, all right,  
7 is not justified by the benefit you get from the science to  
8 either our understanding of our place in the universe or for  
9 biomedical or public health relevance.

10 Q. I'm going to ask you a few questions. If you need to refer  
11 to Exhibit 1006 or the demonstrative that's in front of you, I  
12 ask that you do that.

13 A. Okay.

14 Q. Do the bonobos at the facility in Des Moines continue to be  
15 involved in research in the field of experimental psychology?

16 A. Yes.

17 Q. What active research protocols involve experimental  
18 psychology?

19 A. Experimental psychology is a pretty broad stroke, but I  
20 would say specifically these three that are on the bottom part  
21 of this table here, so these three here would certainly fit into  
22 that context.

23 Q. Can you give us the title of those?

24 A. Oh, I'm sorry. "Using Virtual Reality to Investigate the  
25 Spacial Cognitive Abilities of Bonobos" would certainly fall

1 into experimental psychology.

2 Q. You need to slow down.

3 A. I'm sorry, I forgot.

4 Q. Go ahead. And the second one?

5 A. "Using Virtual Reality to Investigate the Spacial Cognitive  
6 Abilities of Bonobos."

7 Q. I'm sorry, I wanted to refer you to the second one.

8 A. Okay. "Do Bonobos Make Inductive Inferences About  
9 Nonvisible Properties of Object Categories."

10 Q. And the third is nonhuman primate SNARC effect?

11 A. Yeah. That would be SNARC effect.

12 Q. What is the SNARC effect?

13 A. I was afraid you would ask me this.

14 Q. Well, I --

15 A. For the record, I'm not an experimental psychologist.

16 It's basically the priming effect you would get. If I  
17 were to order numbers for you on a page and I had 1, 2, 3, 4,  
18 you would have this expectancy given that we read English from  
19 left to right that 1 would be on the left and 10 would be on the  
20 right, for example. So it's basically a computer-based testing  
21 to sort of see if the apes have a sort of similar bias, if you  
22 will.

23 Q. Other than IACUC approval, is there anything barring  
24 research in the area of experimental psychology at the facility?

25 A. No.

1 Q. Do the bonobos at the facility continue to be involved in  
2 research in the field of use of language and tools?

3 A. Absolutely.

4 Q. What active research protocols involve those areas?

5 A. You said language and tools?

6 Q. Correct.

7 A. So the first six in the actual exhibit.

8 Q. On Exhibit 1006?

9 A. Uh-huh.

10 Q. And other than IACUC approval, is there anything barring  
11 research in the field of use of language and tools at the  
12 facility?

13 A. No. In fact, I've had a scientist recently contact me about  
14 the recent discovery that Dr. Wildman mentioned that they found  
15 stone tools that were three-and-a-half million years old. We're  
16 working to develop protocol for them because they want to come  
17 and bring some of those exact core stones and see if we can do  
18 some of that stone tool work here to see what the apes can  
19 produce.

20 Q. Do the bonobos at the facility continue to be involved in  
21 research in the field of ape intelligence and human cultural  
22 modes?

23 A. Yes.

24 Q. What active research protocols involve those areas?

25 A. So human cultural modes is a really big topic. I would say

1 without a doubt rhythmic entrainment in bonobo apes at ACCI  
2 would certainly be a cultural move because rhythmic entrainment  
3 is basically -- I mean, it's drumming.

4                   What was the first part of that? I'm sorry.

5 Q. We're looking at --

6 A. Something in cultural modes?

7 Q. Use of language -- or excuse me, field of ape intelligence  
8 and human cultural modes.

9 A. The one entitled "Theory of Mind in Language Competent  
10 Bonobos," for those of you that don't know, the theory of mind  
11 is basically the idea that you have knowledge states that you  
12 know are different from other individuals, and that's the theory  
13 of mind, and so we're looking at that as well.

14                  And "The Large-Scale Comparison of Cognition and  
15 Communication in the Animal Kingdom" as well. And I guess, to  
16 some extent, "New Insights into Human Origins through the Study  
17 of Linguistically Competent Bonobos."

18 Q. You mentioned a moment ago moment rhythmic entrainment in  
19 bonobo apes, et cetera?

20 A. Yes.

21 Q. Is that a continuation of a study that the PI, Patricia  
22 Gray, had begun with Dr. Savage-Rumbaugh?

23 A. It is my understanding it is. She's also worked I think at  
24 the Jacksonville Zoo with bonobos there.

25 Q. Other than IACUC approval, is there anything barring

1 research in the field of ape intelligence and human cultural  
2 modes at the ACCI facility?

3 A. No.

4 Q. Would you welcome a proposal to the IACUC for research in  
5 these areas from a member of BHI?

6 A. Yes.

7 Q. And you've told this to the BHI board in the past?

8 A. I believe that I wrote an e-mail that it may not have  
9 included all members of BHI, but it at least included Carmen  
10 Mate, the chair, and Itai Roffman that, to the best of my  
11 recollection, indicated that -- that gave them the protocol form  
12 and indicated what would be required.

13 Q. And Dr. Roffman mentioned he may be preparing this  
14 submission to the IACUC?

15 A. My understanding, he is. It's not a trivial form, so it  
16 would take some time. So the fact that I haven't heard back  
17 from him after I sent it to him is not surprising at all.

18 Q. Any other proposals to the IACUC committee been made by the  
19 BHI board?

20 A. No, they have not.

21 MR. MILLER: That's all my questions.

22 I'll pass the witness.

23 THE COURT: I think we'll take our mid-morning recess  
24 at this time. We'll be in recess for 15 minutes.

25 (Recess at 10:21 a.m., until 10:38 a.m.)

1                   THE COURT: Be seated, please.

2                   Cross-examination.

3                   MR. STAMBAUGH: Thank you, Your Honor.

4                   CROSS-EXAMINATION

5 BY MR. STAMBAUGH:

6 Q. If you'll indulge me, Dr. Taglialatela, I know your counsel  
7 was sitting down; but from where I come from, we stand up when  
8 we examine witnesses.

9 A. That's fine; cultural differences.

10 Q. I understand your students call you Dr. Tag?

11 A. Yes.

12 Q. Do you have any problem if I call you Dr. Tag?

13 A. No; only if you consider yourself my student. No, I'm just  
14 kidding. That's fine.

15 Q. I would be happy to some day. That would be my pleasure.

16                   Dr. Tag, during your direct examination you gave the  
17 court a nice visual depiction of the facility here in  
18 Des Moines, is that right?

19 A. Yes.

20 Q. It is a big space?

21 A. Yes.

22 Q. It is a nice space?

23 A. Yes.

24 Q. You didn't build it?

25 A. No, not at all.

1 Q. You didn't design it?

2 A. No, not at all.

3 Q. In fact, you were just appointed as the Director of Science  
4 of an organization that co-operates it, correct?

5 A. Director of Research and I think we -- well, I wouldn't say  
6 we co-operate it. ACCI operates the facility, yes; but no, I  
7 didn't build it.

8 Q. The only reason you are the Director of Research at ACCI is  
9 because Dr. Sue Savage-Rumbaugh recommended that you be  
10 appointed to that position, correct?

11 A. That is not correct.

12 Q. Why isn't that correct?

13 A. Well, for starters, I don't think that's the only reason.  
14 That may be part of the initial introduction, and to be quite  
15 frank, if Dr. Savage-Rumbaugh had written me an e-mail to come  
16 visit the facility, I wouldn't have. I visited because  
17 Dr. Duane Rumbaugh asked me to come visit the facility, and  
18 that's why I did.

19 There's about two-and-a-half months between me  
20 visiting that facility and taking on an official role at that  
21 organization. So I guess that's why my answer is what it is.

22 Q. And you understand Dr. Sue Savage-Rumbaugh wrote a letter  
23 recommending you for that position, is that right?

24 A. I do, yes.

25 Q. Did you receive a copy of that letter?

1 A. I did.

2 Q. You don't want Dr. Rumbaugh in the lab anymore, though, do  
3 you?

4 A. Dr. Savage-Rumbaugh?

5 Q. Dr. Sue Savage-Rumbaugh.

6 A. No.

7 Q. That would hurt your career, wouldn't it, Dr. Tag?

8 A. Not at all.

9 Q. It's your testimony here today that having  
10 Dr. Savage-Rumbaugh in the lab would not hurt your career?

11 A. Would hurt my career?

12 Q. Correct.

13 A. I don't know how to evaluate the statement of whether or not  
14 it would hurt my career.

15 Q. I thought a second ago you testified that it would not. So  
16 let's make sure the record is clear.

17 A. Okay. I'll stand by that. I'm explaining myself. It would  
18 not --

19 Q. Dr. Taglialatela --

20 A. -- not hurt my career. I don't know how it would hurt my  
21 career.

22 Q. Let's get this straight. It would not hurt your career?

23 A. No.

24 Q. But you don't know how it would hurt your career?

25 A. Let me restate --

1 Q. Let me ask you a better question, Dr. Tag.

2 A. Yes.

3 Q. You have a professional financial investment in the outcome  
4 of this case, isn't that correct?

5 A. Can you restate that?

6 Q. Sure. And it's a simple question. I'm just wondering if  
7 you can explain to the court whether or not you have a direct  
8 professional investment in the outcome of this case. If these  
9 bonobos are relocated, Dr. Tag, would that hurt your career?

10 A. Quite frankly, if these bonobos are relocated, no, it  
11 doesn't hurt my career.

12 Q. So you would have no objection to them being relocated?

13 A. No. I would have an objection to them being relocated. Do  
14 you want me to explain why?

15 I have an objection to having these bonobos being  
16 relocated because if these bonobos are relocated, in all  
17 likelihood, I would fear for the grave outcomes it would have on  
18 their welfare, okay. I'm not paid, I haven't been paid, I don't  
19 get money from summer support for grants to support this. In  
20 point of fact, I've spent about \$2,500 of my discretionary  
21 account which I get from the university as part of indirects  
22 that are given back to me from the university to fly back and  
23 forth. I've spent, you know, 90-something days or more away  
24 from my family. I got involved in this endeavor for one reason,  
25 with regards to those bonobos, which is for their welfare. And

1 to be quite frank, no one else would do it, and the reason no  
2 one else would do it is because of this situation we're in right  
3 now. Everyone I spoke to and sought counsel on advised me,  
4 she's never going to stop, just give up. You're crazy to do  
5 this. And I looked at the bonobos and thought I might have a  
6 real chance because she told me she wasn't -- "she" being  
7 Dr. Savage-Rumbaugh, told me she wasn't involved, told me she  
8 was done. Duane Rumbaugh corroborated that, and that's why I  
9 agreed, perhaps foolishly, to get involved in the beginning.

10 So no, if the bonobos are relocated, it doesn't hurt  
11 my career.

12 Q. And we'll take a little bit of a closer look at what  
13 Dr. Savage-Rumbaugh actually said to you regarding her  
14 involvement.

15 A. Okay.

16 Q. I want to go back to my earlier question. You mentioned  
17 that Dr. Savage-Rumbaugh's involvement with these bonobos  
18 currently wouldn't necessarily hurt your career, is that right?

19 A. Yes.

20 Q. So you have no objection to Dr. Savage-Rumbaugh being  
21 involved in the research at ACCI's facility?

22 A. I do have an objection to Dr. Savage-Rumbaugh being involved  
23 in the research.

24 Q. So, Dr. Tag, it's your testimony for the court here today  
25 that despite you thinking it may have been a poor decision, you

1 were the only one on the planet who was capable and ready to  
2 take care of these bonobos, is that right?

3 A. I would not argue capable. I would say that I was the only  
4 one who was willing and ready to do it.

5 Q. And as we sit here today on May 29, 2015, it's your  
6 testimony for the court that you are the only one who is ready  
7 and willing to take care of these bonobos, is that right?

8 A. I have a co-director, Dr. Hopkins, so I would --

9 Q. So there's two people in the country who are ready and  
10 willing to take care of these bonobos. Thankfully it's Dr. Tag  
11 and Dr. Hopkins?

12 A. Let me say it this way. There are two people in the country  
13 that have the expertise and the resources necessary to take care  
14 of these bonobos that are also willing to do it.

15 Q. And that's you and Dr. Hopkins?

16 A. That's my testimony.

17 Q. Nobody else at any other research institutions?

18 A. I mean, I haven't polled everyone. I would be welcome to  
19 polling people, but -- sometimes I feel like I want to poll  
20 people.

21 Q. What about Dr. Savage-Rumbaugh, does she have the  
22 qualifications?

23 A. No.

24 Q. She doesn't have the qualifications to care for these  
25 bonobos; that's your testimony?

1 A. That is my testimony.

2 Q. Now, Dr. Tag, I'm sure the court is wondering and the  
3 question in my mind is, you're the first and only witness who's  
4 made that statement here during this proceeding, and you've been  
5 sitting here listening to the testimony.

6 Does that surprise you that you are the only person  
7 currently in control of these bonobos who has that opinion that  
8 Dr. Sue Savage-Rumbaugh is unable to care for these bonobos?

9 A. I don't recall you asking anyone else; but with that said,  
10 you know, there's a reason -- the folks that were -- there  
11 weren't anyone who would be qualified to make that statement  
12 that you brought into the witness box -- I'm sorry, whatever  
13 this place is called, except for Dr. Gilmore.

14 Q. So you and Dr. Gilmore are the only ones qualified?

15 A. To make a determination of whether or not  
16 Dr. Savage-Rumbaugh is qualified to take care of the bonobos?

17 Q. Correct.

18 A. Out of all of the people that have been in this seat that I  
19 am in right now, yes.

20 Q. Okay. Do you know who Dr. Russ Tuttle is?

21 A. I do.

22 Q. And you would agree with me that Dr. Russ Tuttle is one of  
23 the foremost primatologists in the world, is that correct?

24 A. He's certainly -- I don't know if one of the foremost, but  
25 he's certainly a very well known primatologist.

1 Q. You believe that Dr. Russ Tuttle's opinions with respect to  
2 primatology should be respected?

3 A. I do.

4 Q. And that those opinions should be listened to?

5 A. Yes.

6 Q. Now, you testified about this facility and the beautiful  
7 outdoor grounds, is that right?

8 A. Uh-huh.

9 Q. The play yard?

10 A. Yes.

11 Q. You told the court that it was important for these bonobos  
12 to be in trees to forage and they are -- let me get it straight.  
13 I'm not a scientist?

14 A. I don't think I said that. I don't think I said trees.

15 Q. Arboreal?

16 A. Yes.

17 Q. Is that the word?

18 A. I said they are arboreal. They like to climb and be up  
19 high, yes.

20 Q. Okay. Do they actually go into the forest, though, in the  
21 facility?

22 A. They do not. They have their -- I guess depending upon your  
23 definition of the forest, my definition of the forest does not  
24 accurately describe those two bonobo yards.

25 Q. Your definition of the forest doesn't include trees?

1 A. No. The bonobo yards are not forest. A forest includes  
2 trees.

3 Q. You said it was important for them to go in the trees,  
4 though?

5 A. No, I didn't say that. I said they are arboreal in the  
6 wild. It's important for them to climb and go up high.

7 Q. Okay. But not necessarily --

8 A. I think the record will reflect that's what I said.

9 Q. Not necessarily in trees?

10 A. No, not necessarily in trees.

11 Q. So you described this wonderful facility with lots of acres.  
12 They don't go in the forest, is that right?

13 A. They do not go in the forest. I will add that the  
14 chimpanzees that we hope to bring there have a yard that's  
15 eight-and-a-half acres that could be described as a forest given  
16 that it has hardwood trees on it. In fact, I think we call it  
17 the chimpanzee forested yard.

18 Q. You mentioned an infirmary, is that right?

19 A. I did not mention an infirmary.

20 Q. During your testimony yesterday?

21 A. I may have.

22 Q. Okay.

23 A. Yeah, it was one of the improvements that we're planning for  
24 the building. I don't actually remember me mentioning it, but --

25 Q. It's not actually functional right now, is it?

1 A. It is. We are at the point now where we are trying to fund  
2 its construction. Given the space, we don't actually have a  
3 whole lot to do. It's a lot of outfitting it with equipment.  
4 The modifications required to actually -- there's no major  
5 structural modifications that need to be done. We need to  
6 acquire additional equipment and have it installed.

7 Q. And, Dr. Tag, it will help us be more efficient here today  
8 if you just answer the question that I'm asking.

9 A. Okay.

10 Q. And my specific question was, it's true that the infirmary  
11 is not functional today, isn't that right?

12 A. That is correct.

13 Q. Okay. It's true that one of the lexigram keyboards is not  
14 fully functional today, isn't that right?

15 A. I don't -- no, that's not correct. One of the lexigram  
16 keyboards? The majority of the lexigram keyboards are pieces of  
17 paper. As far as I know, pieces of paper don't have any lack of  
18 functionality, unless they're no longer available or destroyed,  
19 so --

20 Q. With respect to the electronic ones, is it your testimony  
21 that they're all fully functional?

22 A. There are two electronic ones, and to the best of my  
23 knowledge, both are fully functional.

24 Q. Dr. Tag, earlier in your direct testimony, you specifically  
25 said that you didn't believe that you were voted on to the IPLS

1 board, is that correct?

2 A. To the best of my knowledge, I've never been a member of  
3 that board.

4 Q. Okay. I am going to go ahead and identify for you Exhibit  
5 54 and take a look at that large notebook.

6 A. I don't know if I can lift it.

7 Q. Go ahead and turn to Exhibit 54.

8 Do you have Exhibit 54 in front of you?

9 A. I'm not there yet.

10 Okay. Yes, I'm there.

11 Q. Exhibit 54 appears to be minutes of a board meeting for the  
12 Iowa Primary Learning Sanctuary, and you understand that to be  
13 IPLS, correct?

14 A. Yes.

15 Q. And on the first page of these minutes, it says, the  
16 following officers were elected, and it includes Jared  
17 Taglialatela as vice president.

18 Do you see that?

19 A. I do see that.

20 Q. Would you go ahead and flip to Exhibit 55.

21 Do you see Exhibit 55?

22 A. Yes, I'm here.

23 Q. And these are, again, minutes by unanimous consent of  
24 December 18, 2013 reorganizational meeting of IPLS, correct?

25 A. That's what is stated at the top.

1 Q. And then on the second page, it says that you, Jared  
2 Taglialatela, shall be appointed to scientific program manager,  
3 is that right?

4 A. That's what it says, yes.

5 Q. And that's of IPLS, is that correct?

6 A. It looks like it, yeah.

7 Q. So that's something that you were mistaken about in your  
8 direct?

9 A. I said to the best of my knowledge. I mean, the first  
10 document is not signed; but, you know, I said to the best of my  
11 knowledge, I was never elected to IPLS.

12 Q. And, Dr. Tag, that testimony was mistaken, correct?

13 A. To the best of my knowledge, I was never a member of IPLS.

14 Q. Okay. As we see here in these exhibits, that testimony was  
15 mistaken, is that right?

16 A. Well, to be quite honest, I don't know that that testimony  
17 is not correct because still, to the best of my knowledge, I  
18 would have to consult with someone who could verify -- I've  
19 never -- to the best of my knowledge, I've never seen this  
20 document before, and so --

21 Q. Let's talk about some other documents that you may not have  
22 seen.

23 A. Okay.

24 Q. Prior to being appointed to the Director of Research --

25 A. Yes.

1 Q. -- for ACCI --

2 A. Yes.

3 Q. -- had you ever seen the settlement agreements that were  
4 approved by this court?

5 A. I don't believe that I have -- that I had clearly seen them,  
6 no.

7 Q. And you hadn't read the research provisions that were  
8 included in those settlement agreements prior to accepting your  
9 position as Director of Research at ACCI, correct?

10 A. To be quite frank, I don't recall when I first saw the  
11 settlement agreements. If I didn't see them before, I clearly  
12 didn't read the research provision.

13 Q. So you clearly didn't rely on them when you assumed this  
14 role?

15 A. Again, if I didn't see them before, I didn't -- I haven't  
16 read them, I wouldn't have relied on them.

17 Q. So if you didn't see them, you wouldn't have read them, and  
18 if you hadn't read them, you wouldn't have relied on them?

19 A. Yes.

20 Q. Correct?

21 A. Yes.

22 Q. You wouldn't have incorporated any of the information in the  
23 settlement agreements into your understanding of what your role  
24 was, correct?

25 A. My understanding at the time, to the best of my

1 recollection, of what my role is, what Dr. Savage-Rumbaugh and I  
2 talked about over the phone, what was written in e-mails to me  
3 and what my discussions with the then board was, were, and that  
4 was to take the research in the directions that we saw fit.

5 Q. I appreciate that. That's interesting.

6 Dr. Tag, you had a chance to say that when you spoke  
7 with Mr. Miller. My question is, you didn't incorporate any of  
8 the information from the settlement agreements approved by this  
9 court into your understanding of your role as Director of  
10 Research of ACCI, isn't that correct?

11 A. Yes.

12 Q. You don't know what the research agreements -- excuse me,  
13 what the settlement agreements said about co-ownership, correct,  
14 prior to assuming this position?

15 A. Again, to the best of my recollection, it's possible I did  
16 see the settlement agreements before December 18, 2013. To the  
17 best of my recollection, the answer is no.

18 Q. And you've made that very clear and we understand. All I  
19 can ask for is the best of your recollection.

20 A. Okay.

21 Q. You didn't know what the settlement agreements said about  
22 co-ownership prior to accepting that position, correct?

23 A. That is to the best of my recollection, yes.

24 Q. You didn't know what the settlement agreements said about  
25 the emotional welfare, the physical welfare of these bonobos

1 prior to accepting your position, isn't that correct?

2 A. Again, yes.

3 Q. You don't know what the settlement agreement says about the  
4 research trajectory -- no reason to roll your eyes.

5 A. I'm sorry.

6 Q. I want to make sure that we have a clear record here.

7 A. I apologize.

8 Q. You don't know what the settlement agreement said about  
9 research trajectory before accepting your position?

10 A. I didn't know what the settlement agreement said about  
11 anything if I hadn't seen it before December 18, 2013.

12 Q. Your counsel, Mr. Miller, talked about boundaries in his  
13 opening statement.

14 Do you remember that?

15 A. I do.

16 Q. Dr. Tag, do you think that you're bound by these settlement  
17 agreements in your current position at ACCI?

18 A. I've been advised that I am.

19 Q. That's your understanding?

20 A. Yes.

21 Q. And you can testify to the court you believe you're bound by  
22 these settlement agreements?

23 A. Again, that's what I've been advised, yes.

24 Q. But you don't know what was in them prior to accepting this  
25 role at ACCI?

1 A. Right.

2 Q. Now, Dr. Tag, we talked about -- Mr. Miller talked with you  
3 about the Yerkes Research Center?

4 A. Yerkes National Primate Research Center.

5 Q. Yerkes National Primate Research Center?

6 A. That's right.

7 Q. Do they use an acronym or has it always just been Yerkes?

8 A. Just Yerkes.

9 Q. You told Mr. Miller yesterday, I believe, that you don't  
10 believe there's been any assurances by ACCI that they have  
11 promised Yerkes that the Rumbaughs wouldn't be involved, isn't  
12 that right?

13 A. I told them that there was a caveat to that because the  
14 initial statement -- the initial questionnaire was distributed,  
15 was asked to be completed. I wasn't charged with that answer  
16 because we divided it up, and I think the first question, if I'm  
17 not mistaken, was do Dr. Sue Savage-Rumbaugh or Dr. Duane  
18 Rumbaugh have any involvement, and then there was some second  
19 clause which I thought was in Lyle Simpson's, Mr. Simpson's  
20 testimony. And, to be quite frank, I can't remember the  
21 wording, but it said something to the effect of any future  
22 involvement of those two individuals.

23 I don't recall the answer that was given, but given  
24 that context of that document -- and I hope I'm still answering  
25 your question -- Dr. Savage-Rumbaugh was not at the facility,

1 was not involved. So we simply -- I'm guessing what we simply  
2 would have answered or what I would have advised at the time was  
3 that Dr. Savage-Rumbaugh is not involved. So just say she's not  
4 involved. She's living in New Jersey. That's what we all knew  
5 to be the truth.

6 Q. Okay. And I don't think you answered my question, and I'll  
7 ask respectfully again, because we're under time constraints, if  
8 you could focus on the question I asked.

9 A. I'm doing my best.

10 Q. Yesterday you testified that you didn't fill out that  
11 questionnaire, is that right?

12 A. I didn't fill out that answer.

13 Q. Today, just 30 seconds ago, we heard a little bit of  
14 discussion about what you think they might have answered if you  
15 advised at the time. I want to be very clear. Did you fill out  
16 the questionnaire?

17 A. I filled out part of the questionnaire.

18 Q. Did you fill out that question regarding the Rumbaughs?

19 A. To the best of my recollection, no.

20 Q. Do you know what the answer was given then by ACCI?

21 A. To the best of my recollection is the details I just gave  
22 you, which I think you're now telling me not to give you.

23 Q. Dr. Tag, do you know who responded to that question in the  
24 questionnaire?

25 A. I don't off the top of my head. In all likelihood -- would

1 you like me to speculate?

2 Q. I don't need you to speculate. Can you tell us here today  
3 who filled it out?

4 A. I don't know.

5 Q. Did you ever see the answer to that question after it was  
6 completed?

7 A. I probably did, and I don't know -- I don't recall it at the  
8 time.

9 Q. So you can't tell us here today what ACCI's response was to  
10 that question by Yerkes regarding the Rumbaughs' involvement in  
11 the research, correct?

12 A. With certainty I cannot.

13 Q. Well, you can't tell us with any reasonable indication of  
14 what it might be; you don't know one way or the other?

15 A. Well --

16 Q. Correct?

17 A. I'm not trying to be difficult. No, that's not correct. I  
18 asked you earlier, you said the best thing you can ask me for is  
19 my best recollection. I have a vague recollection of some  
20 discussion of that answer. I wasn't the one who was responsible  
21 for preparing it.

22 I'm just trying to answer your question as honestly as  
23 I can. I mean --

24 Q. I appreciate that because we didn't hear that testimony  
25 yesterday, okay. So I want to be very clear. Yesterday you

1 testified you didn't fill out the response to that question.

2 A. Yes.

3 Q. Okay. That was your testimony again here today?

4 A. Yes.

5 Q. You didn't fill it out?

6 A. Yes.

7 Q. You don't know with certainty who did fill it out?

8 A. Yes.

9 Q. And you don't know if you ever saw it after it was filled  
10 out?

11 A. I'm sure I saw it after it was filled out because I'm sure  
12 someone sent it to me saying, are we okay to send these?

13 Q. So because the court didn't hear that testimony yesterday,  
14 could you tell us what the response said?

15 A. With certainty I cannot tell you what the response said.

16 Q. Do you have any specific recollection of what this response  
17 to this specific question said, Dr. Tag?

18 A. I think I said that. I think that it probably said that  
19 Dr. Savage-Rumbaugh wasn't there, was no longer with -- or  
20 wasn't with our organization and was living in New Jersey.

21 Q. So ACCI did assure Yerkes that the Rumbaughs -- Dr.  
22 Savage-Rumbaugh was not working at the Great Ape Trust?

23 A. I don't see how that's an assurance. That's a statement of  
24 fact.

25 Q. In fact, it's your impression that Dr. Sue Savage-Rumbaugh

1 being absent from the lab is a condition of Yerkes sending any  
2 apes to the Great Ape Trust, isn't that correct?

3 A. That is not correct. But, if I may, I think that given that  
4 we've told them that, it would be quite -- you know, it might be  
5 an issue if we were to change, reverse our position on that.

6 Q. But, Dr. Tag, it was your impression that it was necessary  
7 for you to make that representation to them, isn't that correct?

8 A. I don't believe that is correct. It was a statement of  
9 fact.

10 Q. Dr. Tag, did you give a deposition in this case?

11 A. Yes, I did.

12 Q. Did you promise to tell the truth in that deposition?

13 A. I did.

14 Q. And you've had an opportunity to review your transcript  
15 after it was finished?

16 A. I have, yes.

17 Q. There's a copy of your transcript on the ledge right there.  
18 I'm going to draw your attention to page 119 in your deposition  
19 transcript.

20 A. Okay.

21 Q. Are you at page 119?

22 A. I am.

23 Q. Now, on page 119 you were asked:

24 "Q. Has Yerkes conditioned any proposals or contracts  
25 or agreements with ACCI on Doctor Rumbaugh having no access

1 to the bonobos in Des Moines?

2 "A. Not formally, but initial discussions --  
3 initially there was a discussion between myself, Doctor  
4 Hopkins, and members of Yerkes, say, executive staff or  
5 whatever. At that time Doctor Rumbaugh had no involvement.  
6 We made it clear to them that that was the case.

7 "Q. Was it necessary for you to make that clear to  
8 them?

9 "A. It was -- I was of the impression it was  
10 necessary."

11 Did I read that accurately?

12 A. You did.

13 Q. So at the time of your deposition you had the impression  
14 that it was --

15 A. Apparently I did.

16 Q. Well, apparently at the time of your deposition?

17 A. That's what it says right here, it was, I was of the  
18 impression it was necessary.

19 Q. Is that true today? Is it necessary --

20 A. Didn't I just answer the question?

21 Q. I'm sorry?

22 A. I just answered that question.

23 Q. I'm asking, is it true today that Doctor -- that it's  
24 necessary that you made clear to Yerkes that Dr. Savage-Rumbaugh  
25 be banned from the lab as a condition of them sending any

1 chimpanzees or working with the Great Ape Trust?

2 A. Can you restate?

3 Q. Sure. Is it true that it's necessary for ACCI to explain to  
4 Yerkes that Dr. Sue Savage-Rumbaugh has been banned from the lab  
5 as a condition for Yerkes working with ACCI?

6 A. I would say that if Dr. Savage-Rumbaugh were to be involved  
7 at this point, I would need to explain something to Yerkes.

8 Conversations with Yerkes have evolved since this deposition was  
9 taken, and so that may have changed my opinion of what my  
10 impression is today, you know, sort of post hoc, if you will, I  
11 guess.

12 Q. Let's talk about that. We didn't hear that during your  
13 direct examination. What conversations have you had with  
14 Yerkes?

15 A. So, to give some context if I may, I don't want to prolong  
16 anything unnecessarily, we approached Yerkes at a time I can't  
17 remember now to bring chimpanzees to the facility. Quite  
18 frankly, we did that because there's an empty building that is  
19 far superior than any building Yerkes has to offer any ape, as  
20 well as this large outdoor eight-and-a-half acre yard. We  
21 wanted -- these are chimpanzees I've worked with since 2004. I  
22 know them. I know them as individuals. I don't like where they  
23 live. I don't like a lot of other things about where Yerkes --

24 Q. And, Dr. Tag, I apologize --

25 A. That's okay.

1 Q. -- I hate to interrupt. For the purposes of moving forward,  
2 my question was, you gave an answer during your deposition, you  
3 just explained to the court that apparently that was your  
4 impression then?

5 A. Right.

6 Q. You've just testified there's been conversations with Yerkes  
7 between January of this year and as we sit here today. This is  
8 a very important issue. What are those conversations that  
9 you've had with Yerkes since then?

10 A. What I was trying to get to is that we've had conversations  
11 with Yerkes -- I don't know exactly how many, but there have  
12 been more than two -- face-to-face meetings discussing the  
13 possibility of bringing chimpanzees to our facility in  
14 Des Moines and housing them in that building.

15 Q. Is it still your impression that as a condition of them  
16 doing that that it's necessary for Dr. Sue Savage-Rumbaugh to  
17 not be in the lab?

18 A. Yes.

19 Q. Okay. Now, let's talk about when you were voted onto the,  
20 what we now know as the IPLS board. Subsequently that became  
21 the ACCI board, correct?

22 A. I'm sorry, could you restate? I didn't hear the first part  
23 of the question.

24 Q. Let's just talk about when you were voted onto the IPLS  
25 board. We've now seen that was the IPLS board and that

1 subsequently became the ACCI board, is that right?

2 A. I don't know -- I didn't have any knowledge I was on that.

3 Q. You don't even know what you were voted onto, is that  
4 correct?

5 A. I thought I was voted onto the ACCI board.

6 Q. And that turned out to be incorrect?

7 A. I'm not sure it turned out to be incorrect.

8 Q. Okay.

9 A. There may be a document just like this one that has ACCI on  
10 it.

11 Q. It is true that IPLS no longer exists, correct?

12 A. It is true that IPLS was dissolved by the Attorney General  
13 of the State of Iowa.

14 Q. My question was slightly narrower, Dr. Tag.

15 It's correct that IPLS no longer exists, correct?

16 A. Sure. In a legal sense, I guess. I don't know. I'm not an  
17 attorney.

18 Q. Well, you've stated it. You've said as much, IPLS no longer  
19 exists, correct?

20 A. When did I say -- I'm unsure when I may have said that.

21 Could you give me context of when I said that?

22 Q. I would be happy to. Let me ask you today, is it your  
23 testimony that IPLS does exist?

24 A. My understanding now, again, not being an attorney, is  
25 that -- which IPLS can be retroactively restarted because once

1 this sort of lien is paid. In fact, we've had now discussions  
2 among the ACCI board and that subset of individuals as to how  
3 that actually would happen when finances permitted.

4 Q. But as we sit here today, IPLS no longer exists, correct?

5 MR. MILLER: Your Honor, I'm going to object that he's  
6 both asked and answered and calling for a legal conclusion. The  
7 witness has testified, and it's clear from the record, he's not  
8 a lawyer.

9 THE COURT: I will accept his lay opinion.

10 A. It's been dissolved. To me, if I no longer exist, I can't  
11 be recreated. My understanding now is that IPLS can be  
12 reconstituted or whatever because -- so, I guess, that would be  
13 my --

14 Q. And I appreciate that, but neither the court nor I am  
15 interested in metaphysics right now.

16 Is it correct that IPLS no longer exists?

17 A. Yeah. I thought I just said that. I was using the analogy,  
18 but yes.

19 Q. Okay. I'm going to go ahead and draw your attention to  
20 Exhibit 105.

21 A. Okay.

22 Q. If you can look at your exhibit binder.

23 A. The big one here?

24 Q. Yes, it is.

25 A. All right. I apologize trying to get to these pages.

1               Okay. I'm back.

2 Q. Okay. Exhibit 105 is an e-mail from you to the directors of  
3 the board, correct?

4 A. Yes, it is.

5 Q. Dated March 14, 2014?

6 A. Yes, it is. I will note that it's an e-mail that was  
7 forwarded apparently from Dr. Savage-Rumbaugh to Dr. Bill  
8 Zifchak and a couple of other folks. It's not my original  
9 e-mail.

10 Q. Correct. And that's not something that we're interested in  
11 today.

12 A. Okay.

13 Q. But the body of the e-mail on that first page is from you,  
14 correct?

15 A. It looks like it's from me, but since it's forwarded, I  
16 can't verify the entire contents of it.

17 Q. Let's take a look at your e-mail address --

18 A. Yeah, that's --

19 Q. jtaglialal@kennesaw.edu, is that your e-mail address?

20 A. Yes, it is.

21 Q. Do you have any reason to believe you did not write this  
22 e-mail on March 14, 2014?

23 A. To be frank, over the past year-and-a-half, there has been  
24 some shady things that have occurred involving members of  
25 Dr. Savage-Rumbaugh's counsel, and I'm concerned that perhaps

1 somewhere in this document something I wrote has been  
2 misrepresented. I mean, that would be my only concern.

3 Q. You think the document has been altered?

4 A. I'm not saying it has. I'm just saying I would be concerned  
5 it might have, if I can't verify that. If it came from my  
6 e-mail address and it was electronically out of my mailbox, I  
7 would certainly be obvious to verify it.

8 Q. Do you have any reason to believe as we sit here today that  
9 it's been altered?

10 A. I don't have any specific reason to believe that, no.

11 Q. As you see in the top right-hand corner, this was a document  
12 that was introduced during your deposition.

13 Do you remember that?

14 A. I don't remember it specifically, but --

15 Q. Do you see that exhibit stamp?

16 A. Yeah.

17 Q. In fact, it's Exhibit 1?

18 A. Okay.

19 Q. Do you recall raising any concerns about the document being  
20 altered during your deposition?

21 A. I mean, I would have to check my deposition testimony. I  
22 remember raising a concern about some document that was  
23 forwarded as well. I don't recall if it was this one or not,  
24 for the same reason. I'm just -- I'm not going to say anything  
25 else.

1 MR. STAMBAUGH: Your Honor, at this time I would move  
2 to admit Exhibit 105 into evidence.

3 (Defendants' Exhibit 105 was  
4 offered in evidence.)

5 MR. MILLER: Your Honor, objection; lack of  
6 foundation, also it includes hearsay.

THE COURT: 105 is received, subject to the objection.

8 (Defendants' Exhibit 105 was  
9 received in evidence.)

10 BY MR. STAMBAUGH:

11 Q. I'm going to go ahead and publish Exhibit 105, Dr. Tag. We  
12 started this discussion with the question of whether IPLS exists  
13 any longer.

14 | A. Uh-huh.

15 Q. I'm going to draw your attention to the second full  
16 paragraph in your e-mail to the directors.

17 A. Uh-huh.

18 Q. In the second-to-the-last sentence or the last sentence of  
19 that second paragraph you state, "Moving forward, IPLS will no  
20 longer exist."

21 Do you see that?

22 A. Yes.

23 Q. And you wrote that as of March 14, 2014?

24 A. Yes.

25 Q. And you were truthful at the time?

1 A. Yes. And the reason I wrote that is because we were  
2 talking -- this was not a legal document and I'm not an  
3 attorney, and this was a matter of a branding issue. Go do an  
4 Internet search for Great Ape Trust or IPLS and you get all  
5 sorts of things that are -- you know, we needed to move past  
6 that in order to gain some scientific credibility. That is, you  
7 know, what I intended in writing this document. I certainly had  
8 no legal -- or never tried to do that.

9 Q. Let's go ahead and talk about this document for a bit.

10 A. Sure.

11 Q. You wrote it to both the board members of both ACCI and BHI,  
12 correct?

13 A. That appears to be correct, yes.

14 Q. The first sentence says, "It is with great pleasure that I  
15 provide you with an update regarding the Iowa Bonobo family," is  
16 that correct?

17 A. Yes.

18 Q. In fact, Dr. Tag, you hadn't communicated with any BHI board  
19 members for approximately four months before that?

20 A. I think that would be incorrect. I had conversations over  
21 the phone with Dr. Savage-Rumbaugh in January, if I'm not  
22 mistaken. I spoke with Mr. Zifchak over the phone I believe in  
23 February or March, called me at my home.

24 Q. Is Mr. Zifchak a member of the BHI board?

25 A. No, but I'm -- okay. Sorry. Not to my knowledge, he is not

1 a member of the BHI board.

2 Q. What are you referring to when you say "the Iowa Bonobo  
3 family"?

4 A. I'm referring to the bonobos that lived in residence at the  
5 facility at the time.

6 Q. You talk about making monthly trips to Des Moines. What did  
7 you mean by that?

8 A. I travel to Des Moines on a monthly basis.

9 Q. It was your testimony on direct examination that you spend  
10 approximately six days a month, per month at the facility, is  
11 that right?

12 A. Since December of 2013, that's correct.

13 Q. How many days did you spend in January of this year at the  
14 facility?

15 A. I would have to check that record. I don't have that in  
16 front of me. Basically I use my credit card because I use  
17 American Express for everything and I look at charges that are  
18 in Des Moines. I don't have specific recollection of my travel  
19 dates for January of this year.

20 Q. You don't keep a log of your research that you do at the  
21 facility by date?

22 A. I do. That's what -- I would verify it in those ways, sure.

23 Q. You just told me that you verify it by reference to your  
24 credit card receipts?

25 A. Well, unfortunately, there are days when I'm in Des Moines

1 that I'm not able to be at the facility, such as being in  
2 federal court.

3 Q. Well, this is the first time you've been in federal court  
4 over these bonobos?

5 A. It is the first time I've been in federal court at all, but  
6 I also --

7 Q. Now, you mentioned that you have 420 e-mails in your inbox,  
8 that you spend 35 hours a week, I believe --

9 A. That's correct.

10 Q. -- working on these bonobos?

11 A. Working on ACCI, yes.

12 Q. But yet you've only had time to respond to BHI requests to  
13 visit until you had to come here today and answer to the court  
14 regarding the proceedings in this case?

15 A. Can you restate the question?

16 Q. Sure. How many visits by BHI board members have there been  
17 in the last 18 months? I counted two.

18 A. Yes, off the top of my head, I believe it's two as well.

19 Q. Okay. We heard Dr. Laurent Dubreuil's description, four to  
20 five hours last fall, is that right?

21 A. That was -- yes.

22 Q. And Dr. Derek Wildman's visit in March of this year?

23 A. I think he said April, I think he's right.

24 Q. In April of this year?

25 A. Yes.

1 Q. Okay. So during the 35 hours that you spend a week on these  
2 animals, there wasn't time to allow any other BHI board members  
3 to visit the facility, is that right?

4 A. Well, I spend six days a month approximately, and given that  
5 this is the subject of a, whatever we call this, lawsuit, I felt  
6 it was important to be present when these visitations were  
7 occurring. As Dr. Wildman testified yesterday, we go back and  
8 forth for scheduling per the normal discussions that any two  
9 professionals would come about and settle upon a date. Dr. Coxe  
10 and I did the same thing with I think less than two e-mails.

11 Q. That's right. And you settled on a date with Dr. Dubreuil,  
12 right?

13 A. I did, and I changed that date.

14 Q. And you cancelled it?

15 A. I postponed it.

16 Q. Right?

17 A. I did, yes, I testified to that.

18 Q. And now you've allowed, for instance, Mr. Roffman to visit  
19 the facility after we're here in court for this proceeding, is  
20 that correct?

21 A. I've allowed him to -- no. He hasn't requested to visit  
22 before.

23 Q. Has anyone else at BHI requested to visit before?

24 A. Oh, and actually I want to correct something. I just  
25 remembered a third -- Dr. Sally Coxe visited last June after the

1 joint meeting.

2 Q. And Dr. Sally Coxe has requested to visit again?

3 A. And she will be there tomorrow.

4 Q. Tomorrow?

5 A. Yes.

6 Q. After this proceeding is over?

7 A. Yes. In time, tomorrow is after today, so, yeah, it will be  
8 after.

9 Q. Those are the only times that were available to you given  
10 your busy schedule?

11 A. No, that's not correct.

12 Q. Those are the only times you could agree upon given your  
13 busy schedule, is that right?

14 A. Me and Dr. Coxe?

15 Q. She and any other BHI board member?

16 A. No. No, that's not true. Dr. Wildman visited in April.

17 Q. We've got one in April, Dr. Tag?

18 A. Yeah.

19 Q. We've got one last August, right?

20 A. Yeah.

21 Q. Pursuant to the settlement agreements, you may be aware BHI  
22 co-owns these bonobos. Do you understand that?

23 A. I understand.

24 Q. Do you believe that ownership means access to these bonobos?

25 A. I believe that if ownership doesn't involve any inherent

1 risks associated with that access, then yes.

2 Q. It's your testimony to the court that you are going to  
3 determine whether there are inherent risks when BHI, the  
4 co-owners of the bonobos, ask to see them whether or not they'll  
5 be allowed access?

6 A. I'm specifically referring to Dr. Savage-Rumbaugh. Everyone  
7 else is welcome to access them, is welcome to visit the facility  
8 and they can -- as long as they're willing to abide by our  
9 safety protocols, go wherever they want to go or as Derek  
10 Wildman testified yesterday, I did not restrict his access in  
11 any way.

12 But I'm telling you that I haven't had requests from  
13 Dr. Roffman -- I'm sorry, from Mr. Roffman prior to whenever his  
14 initial request came and we tried to settle on a date. Dr. Coxe  
15 asked me to visit last June, I guess it was, and we settled on a  
16 date very quickly, and she asked to visit again most recently  
17 and we settled on a date very quickly. Dr. Wildman asked to  
18 visit and we settled on a date relatively quickly.

19 Q. There's been about three visits in about 18 months, correct?

20 A. Correct. And there's probably been four requests.

21 Q. Okay. Dr. Wildman visited in April?

22 A. Yes.

23 Q. He sent you a request or you talked about --

24 A. We talked about it.

25 Q. -- you sending him an e-mail in April.

1 A. Yes.

2 Q. It's been a month. You didn't have time to respond?

3 A. I haven't gotten back to him on it.

4 Q. Let's go ahead and talk about your appointment to ACCI.

5 A. Okay.

6 Q. And I want to bring up Exhibit 1005, which I believe has  
7 already been admitted.

8                  You can refer to the screen as well since we're  
9 publishing.

10                Do you recall testimony regarding Exhibit 1005?

11 A. I do recall, yes.

12 Q. This is the letter of recommendation, correct?

13 A. Sure.

14 Q. From Dr. Sue Savage-Rumbaugh?

15 A. Yes, yes.

16 Q. Okay. And you relied on this letter?

17 A. Relied on this letter --

18 Q. In terms of your appointment to ACCI, you relied on the  
19 statements in this letter?

20 A. I mean, yeah, I considered the statements very carefully.

21 Q. Okay. Let's go to page 2, the top of the second page --  
22 and perhaps it's page 3.

23                Thank you.

24                The top paragraph reads, "It is my hope that the  
25 coming essential transition will proceed smoothly and rapidly.

1 I also hope that, as appropriate, and under Jared's direction, I  
2 will continue to do some research with the bonobos, once the  
3 needed structural changes and funding are firmly in place."

4 Did you rely on that statement, Dr. Tag?

5 A. I did. I relied on that statement and specifically it was  
6 in conjunction with phone conversations that Dr. Savage-Rumbaugh  
7 and I had.

8 Q. Has there been any planned research that's appropriate under  
9 your direction for Dr. Savage-Rumbaugh?

10 A. Dr. Savage-Rumbaugh hasn't specifically submitted a research  
11 proposal or even written me any sort of correspondence  
12 requesting any research activity.

13 Q. Did you not plan on Dr. Savage-Rumbaugh having any  
14 involvement; you just didn't tell her in response to this  
15 e-mail?

16 A. I took that e-mail and what she stated in it and what she  
17 told me on the phone as what she intended.

18 Q. And do you expect today that Dr. Savage-Rumbaugh will have  
19 any involvement in the research going forward?

20 A. I think that, you know, we have grave concerns regarding  
21 Dr. Savage-Rumbaugh's access to the apes because of specific  
22 safety concerns. If Dr. Savage-Rumbaugh wants to submit a  
23 research protocol and we are able to have a conversation and  
24 figure out what specifically she wants to do and we think we  
25 could do it in a safe way and have some assurance of her safety,

1 I assume that the hurdle beyond that would be IACUC, I guess. I  
2 don't --

3 Q. Let's go ahead and publish Exhibit 30.

4 A. Are these in here, can I ask? It's hard to turn. Are  
5 these --

6 Q. They're in the large exhibit binder.

7 A. 30?

8 Q. 30, yes. Please do refer to the hard copy if you want.

9 Go ahead and take a look at Exhibit 30 that's been  
10 published.

11 A. Okay.

12 (Discussion off the record.)

13 BY MR. STAMBAUGH:

14 Q. Dr. Tag, do you have Exhibit 30 in front of you?

15 A. Yes, I do.

16 Q. This is an e-mail from Lyle Simpson copying you on July 1,  
17 2013, correct?

18 A. Yes, it appears that's correct.

19 Q. This is during the so-called transition period in which you  
20 testified Dr. Savage-Rumbaugh was cocooned, correct?

21 A. Well, Dr. -- Mr. Simpson didn't mention that to me until  
22 what would be October of 2013.

23 Q. But this is the time period when she would have been, quote,  
24 cocooned?

25 A. I wouldn't be able to say. What I took Mr. Simpson to be

1 saying was that, as of my arrival in approximately October of  
2 2013, that she was, quote/unquote, cocooned.

3 Q. And was this part of this transition plan on July 1, 2013?

4 A. I don't know. I did receive this e-mail, and to be quite  
5 honest with you, I don't recall reading it very closely.

6 Q. Well, Dr. Tag, did you read the e-mails from Mr. Simpson?

7 A. You know, this is before -- I mean, I was a Bonobo Hope  
8 board member. If I read this e-mail, which I'm sure I may have  
9 skimmed through if I got it, you know, that's a very busy  
10 research time, and it's possible that I didn't read very closely  
11 this e-mail, but I definitely received it. I'm not denying  
12 that. That's my e-mail address.

13 Q. We understand that you have been very busy. I can  
14 appreciate that.

15 How many peer-reviewed publications have been made by  
16 ACCI since you took over as Director of Research?

17 A. I believe Mr. Miller asked that. It is zero.

18 Q. That is none?

19 A. That is none.

20 Q. Okay. Let's go back to this e-mail.

21 A. Yeah.

22 Q. You don't know if you read -- do you have any specific  
23 recollection of reading this e-mail regarding the transition?

24 A. To be honest, no.

25 Q. Okay. Let's take a look at it.

1                   Mr. Simpson says in the first paragraph, "We need Sue  
2 and she must continue to have a vital role in the success of the  
3 Trust."

4                   Did I read that correctly?

5 A. I wasn't following along, but I'm sure you did.

6 Q. Well, Dr. Tag, for purposes, again, of the court --

7 A. Okay.

8 Q. -- and people who are here today, let's go ahead and follow  
9 along.

10 A. Okay.

11 Q. Take a look at the first paragraph.

12 A. First paragraph.

13 Q. Is it correct that Mr. Simpson wrote to others, including  
14 you, in July of 2013 and said, "We need Sue and she must  
15 continue to have a vital role in the success of the Trust."

16 A. That is correct.

17 Q. Okay. Was that your understanding at the time that he wrote  
18 this e-mail to you, that Sue needed to have a vital role in the  
19 success --

20 A. I don't recall anything about this e-mail.

21 Q. So that's a no?

22 A. So that's -- that was not my understanding, I guess.

23 Q. Okay. Mr. Simpson also wrote in the third paragraph, "We do  
24 not want Sue simply to step away. Neither the bonobos nor the  
25 Trust can afford to have that happen."

1                   Did I read that correctly?

2 A. You did.

3 Q. Do you remember seeing that in his e-mail when he wrote it?

4 A. No.

5 Q. So that was not part of your understanding at the time that  
6 you assumed the role as Director of Research, correct?

7 A. Yes.

8 Q. Okay. Dr. Tag, the question again that I have in my mind  
9 and that I would suspect that the court has is when you  
10 testified on direct that Dr. Savage-Rumbaugh would be no longer  
11 involved in the facility, why weren't you paying attention to  
12 the settlement agreements, the e-mail from Dr. Savage-Rumbaugh  
13 herself, and the e-mails we've seen from Mr. Simpson?

14 A. I mean, I think I can answer that very clearly. I was  
15 paying attention to the e-mail that you just showed me -- I  
16 forgot the exhibit name right now, but I think it was written  
17 roughly late in October, or whatever that endorsement letter, as  
18 you put it, was, and you said the word "facility." Being  
19 involved in the research and being involved in the facility are  
20 two very different things. I have colleagues that are involved  
21 in our research that come and collect data. They don't have  
22 anything to do with the day-to-day operations of the facility.

23                   In that same e-mail you showed me from  
24 Dr. Savage-Rumbaugh, she mentions things about having -- it may  
25 have been another e-mail -- autonomy to run the program, take

1 care of the bonobos because you can't separate the bonobos from  
2 the research. That's what we were -- that's what my impression  
3 was. Between what Dr. Simpson -- excuse me, Mr. Simpson told me  
4 and Dr. Savage-Rumbaugh told me, I was under the impression that  
5 we would have that autonomy. That was then in my mind affirmed  
6 by resolution by both boards.

7 Q. I want to get this straight. There's a difference between  
8 the research and the facility, is that right?

9 A. There's a difference between running the facility and  
10 operating the facility and doing the research, yes.

11 Q. So is it your testimony to the court today that  
12 Dr. Savage-Rumbaugh can play a role in the research as long as  
13 it's not in the facility?

14 A. I think I -- well, I'll just go back to the answer I just  
15 previously gave, which was about Dr. Savage-Rumbaugh, again, if  
16 we can be assured that it can be done safely, it's consistent  
17 with the mission, that our IACUC approves it, then, yes, a  
18 research project would not be impossible I presume.

19 Q. But you told us this morning that you banned  
20 Dr. Savage-Rumbaugh from the lab?

21 A. I don't think I said I banned her. I think you asked me --  
22 or someone asked me if she continued to have no access, and I  
23 said yes, she does not have access.

24 Q. She doesn't have access today, but you believe that she can  
25 be involved in the research at some point indeterminate in the

1 future; is that your testimony here today?

2 A. That would be.

3 Q. If she can comply with Dr. Tag's research requirements?

4 A. If she can comply with the research requirements and safety  
5 procedures and standard operating procedures of ACCI and get our  
6 IACUC to approve a research proposal and cover the cost of doing  
7 such research, then yes.

8 Q. What if that is inconsistent with the settlement agreements?

9 A. I'm sorry?

10 Q. What if your requirements on the research are inconsistent  
11 with the settlement agreements?

12 A. I don't understand. I don't understand how that would be  
13 the case.

14 Q. You don't understand how you could have requirements that  
15 are separate and distinct from the settlement agreements?

16 A. We have requirements that are mandated or dictated by the  
17 United States Department of Agriculture and basically the Office  
18 of Laboratory Animal Welfare. So I don't think a settlement  
19 agreement or supplemental agreement could force us to break the  
20 law.

21 Q. Do you believe that you need to operate consistent with both  
22 the USDA requirements and the settlement agreements approved by  
23 this court?

24 A. I believe I have to operate -- I'm a scientist, and my  
25 expertise --

1 Q. So you're not bound by the court's settlement agreements?

2 A. I imagine I would. I am.

3 Q. Okay.

4 A. I --

5 THE COURT: You're cross-talking. Let each other  
6 finish first.

7 BY MR. STAMBAUGH:

8 Q. Go ahead.

9 A. I don't know a situation that would arise with those two  
10 things would be in conflict with one another.

11 Q. That's because you haven't even read the settlement  
12 agreement?

13 A. No. I've read the settlement agreement.

14 Q. Dr. Tag, are there any plans to anesthetize the bonobos this  
15 year?

16 A. We have a plan to give them all health surveys, like those  
17 described by Dr. Gilmore.

18 Q. Does that include anesthetizing?

19 A. Yes, it does include anesthesia.

20 Q. Was Steve Boers dismissed as executive director of ACCI?

21 A. Steve Boers, to the best of my recollection, resigned. But  
22 that's --

23 Q. I'm sorry?

24 A. Steve Boers, to the best of my recollection, resigned.

25 Q. Do you know why he resigned?

1 A. Well, I think I do. He was --

2 MR. MILLER: Your Honor, I'm going to -- excuse me,  
3 Your Honor. I'm going to object. May we approach for a moment,  
4 Your Honor, to discuss an issue with you?

5 THE COURT: I'm sorry, I've lost you. What was the  
6 question again?

7 MR. MILLER: We're getting into a line of questioning  
8 regarding Steve Boers and his employment relationship with the  
9 entity, and I would like to explain to you perhaps off the  
10 record at a side-bar why I have concerns about that, and then if  
11 you think it's appropriate, we would proceed obviously.

12 THE COURT: Well, have we heard anything previously  
13 that he was an employee?

14 MR. MILLER: Yes, he was previously an employee.

15 THE COURT: Okay. What do we need to ask about other  
16 than the fact that he was an employee?

17 MR. STAMBAUGH: The reasons for his resignation, Your  
18 Honor, to the extent Dr. Tag knows about it.

19 THE COURT: Oh --

20 MR. STAMBAUGH: Your Honor, I'll move on.

21 THE COURT: All right.

22 BY MR. STAMBAUGH:

23 Q. So, Dr. Tag, we saw a document today that was an amendment  
24 to what was previously marked as Exhibit 1006, and I want to go  
25 ahead and have you take a look at Exhibit 1006.

1           And let's bring that up.

2 A. Is that in here as well (indicating)?

3 Q. We're going to put it up on the screen. I believe the  
4 exhibit would have the old version of 1006.

5 A. All right.

6 Q. Dr. Tag, are you aware that the revised version was given to  
7 us three days ago?

8 A. I'm not aware.

9 Q. Are you aware that it was given to us literally the night  
10 before this proceeding?

11 A. This document here, I'm not aware of that.

12 Q. Okay.

13 A. But you stated that earlier.

14 Q. I'm actually going to have you take a look at Exhibit 1006  
15 in the binder, which will be the last exhibit, the big binder --

16 A. The last exhibit?

17 Q. -- the one that we've been looking at, correct.

18 A. I'm sorry. The numbers go from 1 to 100 in here. That's  
19 why I ask.

20 Q. Oh, I apologize. It will be in the smaller binder, the 1000  
21 exhibits?

22 A. Okay. I'm there.

23 Q. Okay. Go ahead and take a look at what was previously  
24 provided to us as 1006 and compare it to this new document on  
25 the screen.

1 A. Okay.

2 Q. Do you know what the differences is?

3 A. Yeah. There were three additional protocols listed on the  
4 new document.

5 Q. And those were added three days ago, correct?

6 A. No. They were added whatever the date of approval would be.

7 Q. So that would be March 1, 2015 for two of them and then  
8 April 23 of 2015?

9 A. Apparently.

10 Q. Why wasn't that provided to BHI prior to three days ago?

11 MR. MILLER: Your Honor, objection. I'm going to  
12 object on the basis of relevance. I'm going to further object  
13 because this counsel is aware or should be aware this court  
14 previously entered an order whereby the parties agreed there  
15 would be no written discovery in this case, and we agreed  
16 between us that we would share documents. We have done so. Now  
17 he's cross-examining my witness based on an allegation that he  
18 failed to fulfill a voluntary agreement to exchange documents.  
19 I think that's highly inappropriate.

20 MR. STAMBAUGH: Your Honor, may I be heard briefly?

21 THE COURT: Certainly.

22 MR. STAMBAUGH: As Your Honor knows, a main theme in  
23 this case is the information that was given to BHI. Dr. Tag  
24 testified to that on direct examination, and I believe his  
25 testimony was that he was willing to give any information at any

1 time to BHI board members. My question goes directly to that  
2 issue.

3 THE COURT: I'm going to receive it, subject to the  
4 objection.

5 BY MR. STAMBAUGH:

6 Q. Dr. Tag, why didn't you give these three protocols to  
7 anybody at BHI prior to three days ago?

8 A. Well, I didn't give them to BHI three days ago. I guess  
9 you're asking me why, when this table was updated, wasn't an  
10 update sent to BHI. I guess to be quite honest, you know, that  
11 would have come up in one of our periodic reviews of what we're  
12 doing, who is doing what; but as I said, this has been a  
13 particularly busy time and I guess we just didn't get around to  
14 it.

15 Q. Dr. Tag, to be fair --

16 A. Yeah.

17 Q. -- the court has now heard you mention on a number of  
18 occasions, we understand that you're very busy at the lab, that  
19 you're too busy to respond to Dr. Wildman's e-mail, you're too  
20 busy to have actually gone through the scheduled appointment  
21 with Dr. Dubreuil, and you're too busy to simply send another  
22 piece of paper to BHI prior to your counsel providing it three  
23 days ago?

24 A. If I may, I am that busy because I have two full-time jobs,  
25 one of them I don't get paid for, which is this job; but leave

1 that all aside, so, I mean, I'll put my schedule up against  
2 anyone's in this room to be quite frank. With that said --

3 Q. You might get taken up on that offer.

4 A. With that said, with that said, you're bringing up three  
5 instances. I postponed Dr. Dubreuil's appointment because I was  
6 meeting with my attorney to prepare for this hearing. I did not  
7 respond to an e-mail from Dr. Wildman. I didn't send him  
8 something that we spoke about, and perhaps that was not a  
9 reasonable amount of time, perhaps it was. He told me he was  
10 going to do a paternity test on Kanzi. I didn't have that -- he  
11 hasn't gotten back to me on that either. So, you know, I didn't  
12 send an update. It's only been a couple -- it hasn't even been  
13 three months. If an update had been requested, I would have  
14 sent one.

15 Q. This is the research, though, Dr. Tag, correct?

16 A. Yes.

17 Q. This is what BHI is interested in, correct?

18 A. I have no idea what BHI is interested in.

19 Q. I agree with that statement. And despite their requests,  
20 this is the first time, literally the night before this hearing  
21 began, that we saw these research proposals. Can you explain  
22 that to the court?

23 A. That's a misrepresentation. I'm sorry, Counsel.

24 Q. The first time that anyone was aware of these three  
25 protocols --

1 A. They've only been approved since March.

2 Q. Correct.

3 A. And a document was provided with the other research  
4 proposals.

5 Q. Three days ago.

6 A. No. I'm sorry, I thought this document (indicating) --

7 Q. Oh, the previous proposal.

8 A. Yeah, yeah, yeah.

9 Q. Correct, correct, that one page was given.

10 You can't explain why these weren't given to BHI?

11 MR. MILLER: Your Honor, objection. This has been  
12 asked and answered. He's badgering.

13 THE COURT: We'll ask one more question on this  
14 subject.

15 BY MR. STAMBAUGH:

16 Q. Dr. Tag, can you explain why BHI board members were not  
17 given any details on these three protocols until three days ago,  
18 despite it starting in March?

19 A. I guess we've been too busy to send an update. If an update  
20 had been requested, it would have been sent.

21 Q. Okay. Let me ask a few questions about this update version.  
22 I'll make the representation that I have compared them, and it  
23 appears that the only change, other than the addition of these  
24 three protocols, is the addition of a particular research  
25 assistant, is that right?

1 A. I'm sorry, that's correct, yes, that's a change.

2 Q. Is that Sara Skiba?

3 A. Yes.

4 Q. Who is Sara Skiba?

5 A. She's our research coordinator.

6 Q. For ACCI?

7 A. Yes.

8 Q. Does she work with you?

9 A. She does.

10 Q. Does she work with you in Georgia?

11 A. She will actually. She was recently, I think -- my  
12 recollection now is February -- was hired as a research  
13 coordinator. I believed I described the details of that  
14 position earlier. She graduated from the University of  
15 Wisconsin, Madison, did an internship at the Lincoln Park Zoo in  
16 Chicago, moved here on or around mid to end of February of 2015,  
17 began working as research coordinator for us and will begin  
18 graduate school at Kennesaw State under my direction in -- I  
19 guess in August.

20 Q. So apparently she is an undergraduate student?

21 A. No. She's a postgraduate student would be the technical  
22 term.

23 Q. Is she a Ph.D. candidate?

24 A. She is not a Ph.D. candidate.

25 Q. She's not yet in graduate school?

1 A. That's correct.

2 Q. Dr. Tag, do you ever recall telling a reporter that you were  
3 going to start from scratch at ACCI?

4 A. I don't recall that; but that sounds like something I might  
5 have said.

6 Q. Why would you have said that you were going to start from  
7 scratch?

8 A. Well, from a branding perspective -- I've had a lot of  
9 opportunity to talk to people in this community about the  
10 facility, educators, people that could give us money,  
11 philanthropists, and they are extremely sour, for lack of a  
12 better word, on the organization, the facility, just the  
13 prospect of all aspects of the bonobos being in Iowa. And that  
14 I guess is sort of my, although I'm not an expert in branding is  
15 my sort of way of saying no, no, no, we're going to do things --  
16 we're taking a fresh start maybe is a better way to say it.

17 Q. Fresh start from Dr. Savage-Rumbaugh's research?

18 A. No. I don't remember the context that I told this reporter,  
19 but it would not be that. It would be more of an operational  
20 standpoint.

21 Q. Would it refresh your recollection if I showed you a copy?

22 A. Sure. That would be great.

23 MR. STAMBAUGH: Your Honor, may I approach?

24 THE COURT: You may.

25 BY MR. STAMBAUGH:

1 Q. Is it true that you told a reporter in August 2014 that you  
2 were going to start from scratch?

3 A. Again, it looks like I did.

4 Q. Dr. Tag, do you know what a Form 990 is, an IRS Form 990 is?

5 A. Not off the top of my head, sorry.

6 Q. Do you know if ACCI has filed a Form 990 for the years 2013  
7 or 2014?

8 A. I do not know. That's beyond my pay grade.

9 MR. STAMBAUGH: Your Honor, one moment, please.

10 (Pause.)

11 BY MR. STAMBAUGH:

12 Q. Dr. Tag, have you ever read the December 2012 resolutions  
13 regarding the role of BHI and the oversight of the science?

14 A. I don't specifically recall them, but maybe looking at them  
15 might --

16 Q. You don't recall as you sit here today --

17 A. No.

18 Q. -- reading about the role of BHI when that board was  
19 created?

20 A. I don't.

21 Q. What sort of data do you collect in the lab today?

22 A. Are you referring specifically to ACCI or my research  
23 program in general?

24 Q. Correct, ACCI. You mentioned you're there about six days a  
25 month?

1 A. Yes.

2 Q. You said you collected data?

3 A. On occasion.

4 Q. I'm sorry?

5 A. I said on occasion because I'm also doing other  
6 administrative things, but yes.

7 Q. All right. You mentioned, in fact, that you were so busy as  
8 we've heard to respond to e-mails, to schedule appointments,  
9 that you clean the cages; that was your testimony?

10 A. That I was so busy that I cleaned the cages? I was cleaning  
11 the cages because we needed help in that area. So, yes, I do  
12 that.

13 Q. Despite having the busiest schedule of anyone in this room?

14 A. Well, to be quite frank, you cannot answer an e-mail, but  
15 you cannot clean a cage, so I'm triage.

16 Q. How often do you clean the cages?

17 A. It doesn't happen very often.

18 Q. So let's go back to my original question. What sort of data  
19 have you been collecting the last 18 months?

20 A. So the data that we've collected is we take two forms. It's  
21 all behavioral data. It's either observational behavioral data  
22 or experimental behavioral data, okay. Observational behavioral  
23 data usually involves setting up some sort of scenario, okay.  
24 For example, we're doing a study looking at social grouping and  
25 communication as it relates to sort of a feeding patch size. So

1 we would distribute, let's say, some food and then we would let  
2 the apes into the area, in their outdoor yards, for example, and  
3 we videotape it and take real-time pen and paper data. So I  
4 would describe it as an observational study.

5                   Experimental behavioral data is collected. You  
6 present the ape with a scenario and they have to make a  
7 selection. So, for example -- we don't do this, but just to  
8 give you a very simple example, you have three, you know, cups  
9 or something and one of them is labeled each with a lexigram,  
10 and you would, say, hide a food under one and you ask the ape to  
11 find it or something like that. They're often videotaped, and  
12 we often take real-time pen and paper data as well.

13                  The final data we collect are computer-based data, so  
14 the ape is usually given a computer game, for lack of a better  
15 way to explain it, and they do that and actually the computer  
16 logs the data of those times.

17 Q. Where do you keep all of this data?

18 A. So the behavioral data, the observational study data is  
19 stored on videotape, obviously, and then it's scored back in my  
20 lab in Kennesaw. There's also pen and paper data, which is kept  
21 in notebooks, and then it's transferred to digital -- some  
22 individual cataloging. Sometimes it's Excel. Sometimes it's a  
23 software program called Bentel. It's like a -- I can't think of  
24 the term -- a database program, and then the computer data logs  
25 itself, and we, again, keep that on hard drives.

1 Q. How many in-person meetings has ACCI had since July of last  
2 year?

3 A. In person?

4 Q. Correct.

5 A. One in October, we had one in December, and I can't  
6 remember -- we have had at least two conference calls, but I  
7 don't remember off the top of my head an in-person one, but  
8 I'm -- so at least two in-person meetings.

9 Q. I'm sorry, you said just a second ago at least two  
10 conference calls.

11 A. No, no. I'm sorry. At least two in-person meetings; one  
12 in, to the best of my recollection, October and one in December,  
13 and then at least two additional, sorry, conference calls.

14 Q. So you think there's been two in-person meetings over the  
15 last nine months of ACCI?

16 A. That is my recollection as of this moment in time.

17 Q. You mentioned earlier something about, was it a scientific  
18 advisory board?

19 A. Scientific advisory panel, yes.

20 Q. Panel. How many times have they met in the last year?

21 A. We have not met as a group. Individuals have come and  
22 visited, but we haven't met as a group.

23 Q. You have never met together?

24 A. That is my recollection, we've never met as a group  
25 together.

1 Q. But you consider it a panel?

2 A. I consider it a panel.

3 Q. Do you have any minutes of any proposed meetings or --

4 A. No, we do not.

5 Q. -- or strategic plans?

6 A. We have a strategic plan to bring, again, you know -- if you  
7 will, 30 seconds of indulgence -- when we came on board, they  
8 were literally, you know, tens of thousands of dollars in the  
9 hole. The lights were going to be shut off. We've done  
10 considerable efforts to reverse that course. We have a plan, a  
11 strategic plan hopefully as soon as the end of the summer to  
12 bring those individuals here for a face-to-face sort of  
13 conference.

14 Q. Have you produced this written strategic plan?

15 A. There may be a file on my computer somewhere with some  
16 notes. I've discussed it with members of the panel. In  
17 particular certain individuals have visited.

18 Q. So there's not actually a formal written plan?

19 A. No. There is no formal written plan, that is correct.

20 Q. And the scientific advisory panel has never actually met?

21 A. The scientific advisory panel has never actually met in  
22 person all as a group.

23 Q. Let's talk about funding and trying to keep the lights on.  
24 You spoke with Mr. Miller about numerous grants that you were  
25 looking forward to?

1 A. Yes, sure.

2 Q. How much money has come into ACCI from those grants for the  
3 last 12 months?

4 A. I don't have that number off the top of my head.

5 Q. You can just give an approximation.

6 A. Considering we've been paying staff off of those grants  
7 since last fall, I'm going to guess that portion would be  
8 somewhere around 100, 150 thousand. We've gotten at least --  
9 I'm sorry, I wasn't prepared for this question -- perhaps  
10 another 35 to 45 in collaborator per diems, which I described  
11 earlier. I, myself, have gotten some pilot grants and bridging  
12 funds that are probably in the neighborhood of 30, and then  
13 we've had private donations, which I've not had the opportunity  
14 to add up; but I would still say it's probably under \$30,000, in  
15 the neighborhood, and then corporate sponsorships which are  
16 probably in the neighborhood of around 10 to 20 thousand right  
17 now.

18 Q. Funding is important, correct, Dr. Tag?

19 A. Funding is very important.

20 Q. But you can't tell us exactly how much ACCI has received?

21 A. No, I can't tell you that.

22 Q. And the research is important, correct, Dr. Taglialatela?

23 A. Yes.

24 Q. But there haven't been any peer-reviewed publications since  
25 you've been in charge?

1 A. Well, there haven't been any peer-reviewed publications.

2 Q. Correct.

3 A. There have not.

4 Q. The scientific advisory panel you believe is important,  
5 correct?

6 A. I think it's important.

7 Q. But they've never met?

8 A. No, but individuals have been in contact with us and  
9 visited. They haven't met as a group.

10 Q. I want to talk a little bit about Matata's death.

11 A. Yes.

12 Q. Is it true that Liz Pugh was not permitted access to the lab  
13 24 hours before Matata died?

14 A. That is not my recollection, no.

15 Q. You testified that -- did you testify that you were there  
16 the day before Matata died?

17 A. No, I was not there the day before Matata died.

18 Q. Were you at the lab the day that she died?

19 A. I was not.

20 Q. Do you know if Matata was playing outside the day before she  
21 died?

22 A. My understanding she was and I saw a video to that effect.

23 Q. Is it possible that Matata died because of something she ate  
24 outdoors?

25 A. I'm not a veterinarian. I have no idea.

1 Q. Do you know if it's possible?

2 A. I do not know if it's possible. I would imagine it's not  
3 possible.

4 Q. Even though you're not a veterinarian?

5 A. Even though I'm not a veterinarian. You asked me my  
6 opinion.

7 Q. You testified about the bonobos foraging all day?

8 A. No, not all day, but they do forage during the course of the  
9 day.

10 Q. And that's important?

11 A. I think that's very important.

12 Q. Have you had the water toxicity evaluated since you were  
13 appointed Director of Research?

14 A. I don't understand what you mean by the water. What water?

15 Q. The water that's outside, the groundwater.

16 A. The groundwater. In the pond?

17 Q. In the pond, in the area. Have you seen it rain in  
18 Des Moines?

19 A. You mean when there's puddles, have I tested the water  
20 that's in the puddles?

21 Q. Have you tested the groundwater?

22 A. I don't know what the term "groundwater" means, and I'm a  
23 Ph.D. with no biology behavior. I don't know what groundwater  
24 is.

25 Q. Do you understand that there's water under the ground?

1 A. I understand that there is water under the ground. I have  
2 not tested the water under the ground.

3 Q. Wonderful. Have you tested the pond water?

4 A. I have not tested the pond water. The apes have no access  
5 to the water under the ground nor the pond. The apes drink  
6 water as it comes out of the tap that I just drank a couple of  
7 cupsful.

8 Q. Dr. Tag, do you know who Heather Housh is?

9 A. I do.

10 Q. Is it correct that Heather has worked and cared for the  
11 bonobos for a long time?

12 A. It's my understanding she's been there for at least a year,  
13 but I think more.

14 Q. Are you aware that she resigned?

15 A. Yes, of course, I'm aware she resigned.

16 Q. Are you aware that she resigned because she was fed up with  
17 you?

18 A. I am not aware of that, and I have e-mails from her and  
19 personal conversations that directly contradict that.

20 Q. Dr. Tag, we've heard about these research protocols that you  
21 have on the screen here. Can you give us any further written  
22 details about this underlying list of protocols?

23 A. At this moment?

24 Q. As we sit here today, trying to determine --

25 A. Sure.

1 Q. -- the appropriate location for these bonobos and the  
2 research trajectory, correct.

3 A. Do you want me to go through and explain what each one is?

4 Q. That isn't my question.

5 A. I'm sorry; I misunderstood.

6 Q. My question is, can you provide us or the court with any  
7 written details regarding these research protocols?

8 A. Okay. I just want to be clear. Can I provide this court  
9 with written details, meaning I would type it out, or provide  
10 you with a document that details what's in the protocol?

11 Q. Dr. Tag, this is not a complicated question. We have a  
12 page-and-a-half of written protocols.

13 A. Yes.

14 Q. And I'm not a scientist. I know His Honor is not a  
15 scientist. Do you have any other written materials as we sit  
16 here today?

17 A. We have the full written protocols that these all refer to.

18 Q. What does that mean; full written protocols?

19 A. There's something called an animal use protocol. It's  
20 basically an application. I think I described this earlier. It  
21 describes to a layperson so that they may evaluate the science,  
22 evaluate the need to do the science, evaluate the value of what  
23 is the data that are collected and their implications for  
24 science, whether it be for human health or otherwise. A  
25 layperson needs to be able to understand those so that the IACUC

1 committee can evaluate that.

2 Q. Why haven't those been provided to BHI?

3 A. It's my impression, based on my reading of the rules, that  
4 those are confidential documents.

5 Q. Is BHI on the ACCI IACUC?

6 A. No. There's no member of the Bonobo Hope Initiative board  
7 on the ACCI IACUC.

8 Q. You testified that you're willing to give BHI any  
9 information regarding the research, correct?

10 A. Okay. I would have to check more closely, but I don't think  
11 that I could give them IACUC protocols because I believe them to  
12 be -- again, not -- I believe them to be confidential.

13 Q. Have you given any written description of these protocols  
14 other than the IACUC protocol?

15 A. I think I gave a presentation about some of them during that  
16 joint meeting, which would only qualify to some of them because  
17 it would have been ones that would have been by June, when we  
18 met.

19 Q. Dr. Tag, you've heard testimony that BHI has rescinded the  
20 resolution appointing you to the board, correct?

21 A. I didn't hear that testimony.

22 Q. You didn't hear the testimony regarding rescinding of the  
23 resolution appointing you to the board?

24 A. I thought I heard --

25 Q. By Dr. Savage-Rumbaugh?

1 A. Appointing me to the BHI board?

2 Q. There seems to be some confusion about which board you were  
3 appointed to. Did you hear any testimony that BHI appointed you  
4 to the ACCI board?

5 A. I don't see how BHI could have appointed me to the ACCI  
6 board.

7 Q. So it's your testimony here today that BHI votes were not  
8 necessary to appoint you to the combined board which became,  
9 according to you, ACCI?

10 A. I'm -- no, I'm sorry. I don't -- I think that there's facts  
11 out of whack there.

12 Q. Let me ask a better question.

13 Do you believe that BHI appointed you Director of  
14 Research of ACCI, the BHI board members?

15 A. No, I don't believe that. I believe they passed a  
16 resolution that gave me the autonomy to lead the research  
17 program.

18 Q. And was that part of your appointment as Director of  
19 Research?

20 A. I don't know.

21 Q. And you know that that resolution has been rescinded? Did  
22 you hear testimony to that effect?

23 A. You know, I heard --

24 MR. MILLER: Objection. It misstates the record.

25 THE COURT: He asked if he's heard testimony to that

1 effect.

2 A. To be quite frank, I didn't understand what the testimony  
3 was. You are now making it very clear to me what -- I  
4 understand that now. I didn't -- I heard Dr. Savage-Rumbaugh  
5 say rescind to that effect. I didn't understand what it meant.  
6 I am now clear as to what it means.

7 Q. Okay. I'll make that representation to you --

8 A. Okay.

9 Q. -- that BHI has rescinded that resolution. So do you have  
10 any plans for vacating the lab?

11 A. No.

12 Q. Didn't Mr. George Caudill tell Dr. Savage-Rumbaugh when he  
13 banned her that she no longer had any connection to IPLS?

14 A. I have no knowledge of what George told -- George Caudill  
15 told Dr. Savage-Rumbaugh. In fact, I didn't know anything about  
16 that entire ordeal, or whatever, until long after it had been  
17 over.

18 Q. Did you understand that the BHI board members have any role  
19 in appointing you as Director of Research, putting the  
20 resolution aside?

21 A. Can you restate it one more time?

22 Q. Absolutely. Did you believe that BHI was required, that  
23 their votes were required to appoint you as Director of Research  
24 of this entity?

25 A. Did I believe that BHI needed to vote on my appointment as

1 Director of Research?

2 Q. Correct; taking over the lab.

3 A. I -- it's a separate board, in my understanding, so it seems  
4 like one board can't vote members onto another board. That  
5 would be my understanding. It probably was my understanding at  
6 the time.

7 Q. Do you know what the settlements say about who owns the  
8 bonobos?

9 A. I know what's been advised to me by counsel of what the  
10 settlement agreement says.

11 Q. And you don't know what the resolutions say in December of  
12 2012 regarding the role of BHI and the oversight of the science?

13 A. In December of 2012, I'm fairly certain that those  
14 resolutions -- there's this whole discussion that's gone on  
15 about everyone on BHI resigning and then joining another board.  
16 You'll note that I was never a part of those individuals because  
17 the e-mails were sent to an e-mail address that I no longer use.  
18 So I was never a part of that discussion, which is probably why  
19 I didn't see those fall, December 2012 ones anyway.

20 Q. Dr. Tag, I have to ask then, do you know what you're a part  
21 of? This is an important issue in the case. You don't believe  
22 that one board can vote a board member onto another board.

23 Who voted you as Director of Research?

24 A. The ACCI board.

25 Q. The ACCI board wasn't in existence, correct?

1 A. My understanding -- and, again, this is -- you know,  
2 Mr. Simpson is counsel and advised us that ACCI was created on  
3 December 18, 2013, and when that was created, I was given the  
4 position of whatever, Director of Research, or however it's  
5 stated in our minutes.

6 Q. So your understanding was not based upon the settlements,  
7 correct?

8 A. Yes, that's my understanding.

9 Q. Your understanding was not based upon the May 2013  
10 resolution giving Dr. Savage-Rumbaugh unfettered access,  
11 correct?

12 A. I didn't even know that.

13 Q. Your understanding was not based upon the December 2012  
14 resolutions describing the role of BHI, is that correct?

15 A. Yes.

16 Q. Dr. Tag, can you tell us what happened on November 9th,  
17 November 10th when Dr. Savage-Rumbaugh was kicked out of the  
18 lab?

19 A. I have no idea.

20 Q. It was her testimony that you heard it was based on an  
21 e-mail sent to you?

22 A. Again, that's all -- I have no idea. Wasn't there, never  
23 discussed.

24 Q. You didn't read the e-mail?

25 A. Wait. Oh, no, I'm sorry.

1 Q. Do you know what she's referring to?

2 A. I'm sorry. I thought you were saying -- she testified that  
3 it was an e-mail that I sent?

4 Q. She testified that after she sent that e-mail, she was asked  
5 to leave by Mr. Caudill, sent an e-mail to you.

6 A. I don't recall that.

7 Q. Do you recall reading that e-mail?

8 A. That she sent an e-mail to me?

9 Q. Yes.

10 A. No, I don't recall reading that.

11 Q. You don't recall reading that e-mail?

12 A. Well, I don't know what e-mail you're even talking about.

13 Q. This is --

14 A. At this minute I have 420 e-mails in my inbox.

15 THE COURT: Just a minute.

16 BY MR. STAMBAUGH:

17 Q. This was at the time that you were appointed to the board.

18 We've heard about your inbox.

19 A. I wasn't appointed to the board until December 18, 2013. So  
20 November is not the time I was appointed to the board. Show me  
21 the e-mail.

22 Q. Would you agree that it's around the time that you were  
23 appointed to the board?

24 A. Sure. Can you show me the e-mail?

25 Q. I want to make sure that we understand that the court

1 understands what actually happened in November 2013. We've  
2 heard a number of things that you didn't read or don't remember  
3 reading. And my question is, do you recall the e-mail that  
4 Dr. Savage-Rumbaugh has testified about which led to her being  
5 banned from the campus?

6 A. I don't recall that specific e-mail.

7 Q. Dr. Tag, you don't want Dr. Savage-Rumbaugh in the lab  
8 screwing up your research, do you?

9 A. I don't want Dr. -- I don't want Dr. Savage-Rumbaugh in the  
10 lab because I think she poses a danger to the humans and the  
11 apes that work with her or are around her.

12 Q. It's fair to say you don't want her screwing up your  
13 research?

14 A. That is false -- that is a half truth.

15 Q. And you don't want her to take away from your professional  
16 development at this point, correct?

17 A. I don't understand what you mean by take away from my  
18 professional development.

19 Q. Well, this is the way we started our discussion. You have a  
20 professional interest in this case. We've established that,  
21 correct?

22 A. Is that what I testified, that I did? I mean, I've been up  
23 here for a long time, and I feel like at times I've been kind  
24 of -- I just want to make sure.

25 Q. I'm asking you, do you have a professional interest?

1 A. I have an interest in this case or --

2 Q. And you don't want Dr. Savage-Rumbaugh to screw that up,  
3 isn't that right?

4 A. I don't want Dr. Savage-Rumbaugh to pose a physical threat  
5 to any of the people or the bonobos that work there.

6 Q. Or a professional threat to your career?

7 MR. MILLER: Your Honor, objection. It's been asked  
8 and answered repeatedly.

9 THE COURT: It has, yes.

10 BY MR. STAMBAUGH:

11 Q. Dr. Tag, I've been authorized by BHI to advise you that you  
12 have been relieved of your duties and that they would forbid you  
13 from research of any kind with the bonobos. They intend to  
14 report this to Kennesaw and Yerkes at the conclusion of this  
15 hearing.

16 My final question would be, do you care to comment on  
17 that?

18 A. No.

19 MR. MILLER: Your Honor -- hold on for a second.

20 MR. STAMBAUGH: I have no further questions.

21 MR. MILLER: -- objection. Objection, Your Honor.

22 THE COURT: That last question and answer, that last  
23 exchange is stricken from the record. You can give him official  
24 notification in other more appropriate ways.

25 MR. STAMBAUGH: Thank you, Your Honor.

1                   No further questions at this time.

2                   THE COURT: Anything further?

3                   MR. MILLER: Yes, Your Honor. Thank you.

4                   REDIRECT EXAMINATION

5 BY MR. MILLER:

6 Q. Dr. Taglialatela, based on recent discussions with Yerkes,  
7 have they sent chimpanzees to the facility?

8 A. No.

9 Q. Do they have immediate plans to send chimpanzees to the  
10 facility?

11 A. No, they don't.

12 Q. Was your testimony that you received direct questions, four  
13 requests for visits from BHI board members to the facility?

14 A. I'm sorry, could you restate?

15 Q. How many requests do you recall receiving from BHI board  
16 members to visit the facility?

17 A. Specific requests for individuals to visit the facility?

18 Q. Yes.

19 A. I -- the most fresh in my memory are the four that I  
20 described earlier.

21 Q. And other than requests that you received since January 1,  
22 2015 with this hearing imminent, how many requests have you  
23 received?

24 A. Laurent Dubreuil had a request. I think he visited in  
25 August of 2014. I don't remember any others off the top of my

1 head -- oh, and I'm sorry, Dr. Coxe visited in June of 2014  
2 after our joint meeting.

3 Q. And other than visits, you've had phone calls with at least  
4 Dr. Wildman, is that correct?

5 A. Yes. I also had one early on with Dr. Dubreuil, but I can't  
6 remember the exact date.

7 Q. You were asked some questions about Exhibit 1006 and the  
8 demonstrative we used earlier. Were the backup information to  
9 those protocols in the binder that you offered to Dr. Wildman  
10 when he visited in April?

11 A. Yes. All the protocols are kept for regulations in binders  
12 at the facility on site. I offered them to Dr. Wildman.

13 Q. Can you explain why Dr. Wildman didn't take time to look at  
14 the details of those exhibits, other than he was too busy?

15 A. I think he was --

16 MR. STAMBAUGH: Objection; foundation, totally  
17 irrelevant.

18 THE COURT: You can ask him what Dr. Wildman said  
19 about that.

20 MR. MILLER: Okay. Thank you.

21 THE COURT: There's a lot of speculation in this  
22 record about what other people are thinking and what they're  
23 doing on both sides. Focus.

24 MR. MILLER: Thank you, Your Honor.

25 A. Dr. Wildman drove down for the day. He visited. I invited

1 him to stay as long as he did. He testified that he wanted  
2 to -- he felt this time would be spent talking to me, so I  
3 assumed I'm taking him on his word and that he didn't want to go  
4 through the details at the time and waste the opportunity to  
5 speak with me. That would be what I would guess.

6 BY MR. MILLER:

7 Q. Are you guilty of occasionally not responding to an e-mail  
8 while you were working to keep the lights on at the facility?

9 A. Yes.

10 Q. Have you received financial contributions from the purported  
11 co-owners of the bonobos?

12 A. No -- oh, I'm sorry. We did receive, I think -- to the best  
13 of my recollection, it was a thousand dollars. It may have been  
14 1,500 or on or around a thousand dollars. I believe the timing  
15 was last summer, and it was for medical, to go towards some  
16 medical expenses.

17 I wrote Dr. Savage-Rumbaugh explaining that we would  
18 use that money for that purpose, but I also indicated that we  
19 are planning for an anesthetic survey, a full comprehensive  
20 survey like that described by Dr. Wildman. She wrote me back  
21 indicating that she had some -- I got the impression from that  
22 message, her response that she wasn't completely happy with  
23 that. I offered to return the money to her, and I did not hear  
24 another word on that subject.

25 Q. And on cross-examination you were asked about a number of

1 events in December 2012, in May of 2013, July of 2013, and you  
2 readily admitted you didn't rely on those events in your  
3 decision to become part of the leadership at ACCI, is that  
4 correct?

5 A. Yes. In fact, there was some e-mail I vaguely remember in  
6 May of 2013 where Steve Boers wrote me an e-mail asking me to  
7 take up the directorship then, and I told him it wasn't a  
8 possibility.

9 Q. What did you rely on when you decided to become that  
10 director?

11 MR. STAMBAUGH: Objection; asked and answered and  
12 extremely cumulative at this point.

13 THE COURT: Well, I agree, but I'm going to allow it  
14 one more time as to what he relied on in taking his position.

15 THE WITNESS: I may answer?

16 THE COURT: You may, briefly.

17 A. Okay. I relied on the phone conversations I had with  
18 Dr. Duane Rumbaugh, I relied on e-mails written by  
19 Dr. Savage-Rumbaugh, as well as phone conversations, and I  
20 relied on the advice of board members, as well as board counsel  
21 at that time, Lyle Simpson.

22 MR. MILLER: That's all I have, Your Honor.

23 Thank you.

24 THE COURT: Anything further?

25 MR. STAMBAUGH: Your Honor, I have two questions that

1 I inadvertently left out, very specific questions, during my  
2 cross-examination.

3 RECROSS-EXAMINATION

4 BY MR. STAMBAUGH:

5 Q. Dr. Tag, is it your opinion -- or is it correct that when a  
6 bonobo spits water, it is an indication of its stress level or  
7 displeasure with something?

8 A. I think there are probably very limited contexts where that  
9 would not be the case.

10 Q. And my final question is, do you have a professional opinion  
11 as to whether Kanzi is any worse off for not having interacted  
12 with Dr. Sue Savage-Rumbaugh?

13 A. I do have a professional opinion about that.

14 Q. What is that opinion?

15 A. My professional opinion is that Kanzi is not worse off.

16 MR. STAMBAUGH: Thank you.

17 Nothing further, Your Honor.

18 THE COURT: Anything further?

19 MR. MILLER: No, Your Honor.

20 THE COURT: You may step down, sir.

21 Thank you.

22 (Witness excused.)

23 THE COURT: We'll take our noon recess at this time.  
24 We'll be in recess until 1 o'clock.

25 (Recess at 12:02 p.m., until 1:00 p.m.)

1 AFTERNOON SESSION 1:04 p.m.

2 | (In open court.)

3 THE COURT: Please be seated.

4 We're going to hear from Dr. Tuttle now?

5 MR. STAMBAUGH: Yes, Your Honor. We call Dr. Russ  
6 Tuttle to the stand.

7 THE COURT: Please come forward.

8 THE CLERK: Raise your right hand.

RUSSELL HOWARD TUTTLE, DEFENDANTS' WITNESS, SWORN  
DIRECT EXAMINATION

11 BY MR. STAMBAUGH:

12 Q. Good afternoon, Dr. Tuttle.

13 A. Hello.

14 Q. Can you please tell the court who you are and why you're  
15 here.

16 A. I'm Russell Howard Tuttle. I'm Professor of Anthropology,  
17 Evolutionary Biology, the Morris Fishbein Center for the study  
18 of the history and biology of medicine, social sciences, and  
19 biological sciences, Collegiate Division of the University of  
20 Chicago, the director of the anthropology program, the  
21 undergraduate program, and director of the Paris Center. We  
22 have a Paris Center, the University of Chicago program on  
23 primates and human evolution, and I'm the innovator of that.

24 Q. Thank you, Dr. Tuttle.

Because we have a court reporter taking down

1 everything you say, if you could just try to slow down a little  
2 bit, we'd appreciate it. Thank you so much.

3 How long have you been a professor at the University  
4 of Chicago?

5 A. Fifty-one years.

6 Q. Doctor, what is primatology?

7 A. It's the study of primates. It's living humans, nonhuman  
8 and human, from lemurs, lorises, bushbabies, monkeys of various  
9 sorts, apes, and us.

10 Q. How long have you been studying primatology?

11 A. Fifty-one years.

12 Q. How long have you been studying apes?

13 A. Fifty-one years.

14 Q. How many publications have you had, peer-reviewed  
15 publications regarding apes and/or primatology?

16 A. I don't know.

17 Q. Is it --

18 A. I haven't counted them. I have a 60-page CV, and a lot of  
19 that is publications, government appearances, whatever, you  
20 know.

21 Q. Has it been hundreds of articles?

22 A. No, I don't think so. More than a hundred, yeah.

23 Q. Let's go ahead and identify your CV, which is Exhibit No.

24 97. There is a notebook, a large notebook right in front of you  
25 that has the exhibit numbers.

1 A. Uh-huh.

2 Q. If you could turn to Exhibit 97. I think it may be the  
3 larger one underneath there.

4 A. I've got it, I think. Well, I can't really open this.

5 MR. STAMBAUGH: May I approach, Your Honor, to assist  
6 the witness?

7 THE COURT: Sure.

8 THE WITNESS: I'm sorry, I had surgery on this  
9 shoulder.

10 MR. STAMBAUGH: That's okay. We've run into this  
11 problem before.

12 BY MR. STAMBAUGH:

13 Q. Dr. Tuttle, referring to what's been marked as Exhibit 97, I  
14 would like you to take a look at it. My question would be, does  
15 that appear to be a true and correct copy of your CV?

16 A. It's dated May 6, yes, that's close enough.

17 Q. Does it appear to be accurate in terms of reflecting your  
18 qualifications and credentials?

19 A. I think so, yes.

20 MR. STAMBAUGH: At this time I move 97 into evidence.

21 (Defendants' Exhibit 97 was  
22 offered in evidence.)

23 MR. MILLER: No objection.

24 THE COURT: 97 is received.

25

1 (Defendants' Exhibit 97 was  
2 received in evidence.)

3 BY MR. STAMBAUGH:

4 Q. Dr. Tuttle, are you being paid for your time here today?

5 A. No.

6 Q. What awards have you received in the field of primatology?

7 A. Okay. I was recently given the Charles R. Darwin Lifetime  
8 Achievement Award by the American Association of Physical  
9 Anthropologists, and I was Distinguished Anthropologist of the  
10 Midwest Primate Interest Group a couple of years back. I would  
11 have to look for the date here. And I've received a national  
12 teaching award in anthropology from the American Anthropological  
13 Association of Students, and also there's an award on campus  
14 that is also a highest teaching honor you can get for teaching  
15 on my campus.

16 Q. Who awards the Darwin Award?

17 A. The American Association of Physical Anthropologists.

18 Q. Is that awarded every year?

19 A. No, no.

20 Q. How often is it awarded?

21 A. I have no idea. But I was the first -- it's been a couple  
22 of years before I got it, and then last year a former teacher of  
23 mine got it, so it's hit and miss. It's when somebody feels,  
24 takes the time -- and it takes quite a bit of time to nominate  
25 these things, the supporting documents and whatever.

1 Q. Any other awards or accolades you haven't mentioned already?

2 A. I'm a Fellow of the American Association for the Advancement  
3 of Science. I guess that's considered an honor. That will be  
4 enough, I think.

5 Q. Dr. Tuttle, have you authored any books regarding the  
6 subject of great apes and/or primatology?

7 A. Yes.

8 Q. How many?

9 A. Well, I've authored two, truly authored and written them  
10 entire cover to cover two, and I have edited many, many books,  
11 some under my name, but then as the editor of a book series on  
12 all of primatology, and also I edited the International Journal  
13 of Primatology for 20 years, which --

14 Q. What was the most recent book that you wrote?

15 A. "Apes and Human Evolution," 2014, Harvard University Press.

16 Q. I'm holding a copy of Apes and Human Evolution. By the size  
17 of it, does that appear this publication?

18 A. Yes.

19 Q. Dr. Tuttle, what courses are you currently teaching?

20 A. I'm teaching the course Apes and Human Evolution. I teach  
21 it in Paris in the autumn and also on campus at the University  
22 of Chicago in the spring. I should be there doing that right  
23 now. Also in the winter I taught a course on hominoid  
24 evolution. That is the evolution of apes to humans. We have a  
25 huge cap collection of tracing 35 million years of evolution

1 through fossils, fossil primates and whatever, and it's a hands  
2 on course where students can really dig in.

3 Q. Do you utilize your publication "Apes and Human Evolution"  
4 in your --

5 A. Of course, it's an outgrowth of that course.

6 Q. And that's a text that's actually used in the curriculum?

7 A. Yes.

8 Q. Dr. Tuttle, now I want to talk about your relationship with  
9 Dr. Sue Savage-Rumbaugh and Dr. Duane Rumbaugh. When did you  
10 first meet Dr. Savage-Rumbaugh?

11 A. In 1976, perhaps.

12 Q. Have you worked with her during the time from 1976, did you  
13 say?

14 A. Yeah, I've interacted with her. I haven't actually worked  
15 on a project with her. I knew Duane before, incidentally.

16 Q. Let me ask you this first, Dr. Tuttle. What experience do  
17 you have with bonobos?

18 A. Well, I've watched the project involving the bonobos from  
19 the time Kanzi was a tiny kid. I was bitten by him once in the  
20 love handle. He ran back behind me. We lived in the woods  
21 where they had the bonobos where they could be walked, and he  
22 was allowed to run freely in the woods, and he would come and  
23 peek in the window of the trailer where my family and I were  
24 staying. And then as he grew up, I've also visited and seen  
25 him; but I haven't actually worked directly with him.

1 Q. Tell the court what you do know about Dr. Sue  
2 Savage-Rumbaugh's work with these bonobos.

3 A. It's more than groundbreaking. It's -- well, it's  
4 incredible. She has shown that -- there's a field called  
5 symbiotics, which is the study of symbols and science, and so  
6 forth, and she has managed to create an environment in which  
7 Kanzi spontaneously learned about this and also to understand  
8 spoken English to a pretty good level. And it was almost by not  
9 manipulating him, but letting him experience what was being done  
10 with Matata, his foster mother, that he was just running around  
11 the room and somehow he absorbed a lot. We learn this from  
12 children. Children learn a lot about language before they can  
13 barely babble and whatever. So he picked that up, and it's been  
14 carried forward then to others who are fortunately not deceased.

15 Q. How long have you followed this groundbreaking work of  
16 Dr. Savage-Rumbaugh?

17 A. From the outset. I go way back to Atlanta, which is where  
18 Yerkes was invented by Duane Rumbaugh, to see about whether they  
19 could command symbols, and that lexigram was made up of Yerkes  
20 symbols and many more, Atlanta manipulated. It went through the  
21 study of Sherman Austin. I was on the site visit as to whether  
22 the Sherman Austin study should be continued, and it was. And  
23 then I was on the grant review committee three times, three  
24 reviews more recently of Sue's project. Unfortunately, it  
25 didn't do so well with the committee because it had been -- the

1 principal investigator was not a qualified academic. He was  
2 uncredentialed entirely, and it's very difficult to support that  
3 when you have Sue doing the work, when it's her study.

4 Q. Are you aware if Dr. Savage-Rumbaugh received an honorary  
5 degree from the University of Chicago?

6 A. I think so. I promoted it and nominated her. It was the --  
7 we were inaugurating a new president, Hugo Sonnenschein, and  
8 there was a call for the college to have some representative.  
9 It's tricky for the college because they have four collegiate --  
10 five collegiate divisions in our college. So it would have to  
11 pass muster with physical sciences, biological sciences, social  
12 sciences -- well, I won't mention the fifth one, and the  
13 humanities, and it got high marks from all of those when I first  
14 presented it. There was a linguist on the nominating committee  
15 with me and someone else I can't remember, historian or  
16 something. And this goes through many, many filters. It then  
17 goes to the council of the senate. The senate by university is  
18 of the entire faculty, but then it comes to the council who are  
19 representatives of the faculty, and then it goes to the  
20 committee of the council and the honorary degree committee, and  
21 on and on. And it came through with flying colors I must say.

22 Q. Can you -- I'm sorry, were you finished?

23 A. Yes.

24 Q. Can you explain to the court the significance of receiving  
25 an honorary degree from the University of Chicago?

1 A. Yes, we're one of the few -- first of all, the stature of  
2 the university, you know, that should be clear, the University  
3 of Chicago, we're on a par internationally with Oxford and  
4 Cambridge and Harvard and many other universities. The  
5 differences with us is that we do not give honorary degrees to  
6 anyone other than people of scientific, high level scientific  
7 accomplishments, innovative and high level scientific  
8 accomplishments.

9 Bill Clinton nibbled around, didn't get it. Elizabeth  
10 the II, her minions tried. We just do not give it to  
11 celebrities and just anyone. It has to be based on one's  
12 research programming success.

13 Q. Dr. Tuttle, explain to the court what you know about the  
14 history of Dr. Savage-Rumbaugh's work with the bonobos here in  
15 Des Moines, starting with the Ted Townsend era as it's been  
16 called.

17 A. Well, I was -- I saw the plans in Atlanta, Georgia, when  
18 Duane was retiring. There was a faction organized by David  
19 Washburn, I believe, and after one of the dinners, we were  
20 presented by a representative of Ted's to present this plan and  
21 talk about it. It sounded wonderful, and I remember looking at  
22 the plans, and I asked two questions because it looked like it  
23 was near a river. I asked, does the river flood? I was told  
24 no. And I asked if they had tested the soil because it had been  
25 some sort of Army or Navy place where they exercised, and so

1 forth, and you can imagine there might be elements, heavy  
2 elements in the water, and that I don't think has ever been  
3 done.

4 Well, Sue came, and then within a year, 2007, I  
5 received an invitation to come to be on a scientific advisory  
6 board, and I was surprised to find orangutans there, that there  
7 was another project. The building was much smaller than I  
8 remembered from the plans. I mean, they cut back quite a bit, I  
9 think to accommodate building the orangutan building, and Sue  
10 was nowhere to be seen initially.

11 So we had a meeting the first day, and one wondered  
12 why the people, the scientists weren't called in for us to talk  
13 to. The second day Ted came in and sat down and opened with he  
14 hadn't fired many people in his career, but he wanted to fire  
15 Sue. And I must say tears started.

16 Q. Whose tears?

17 A. Mine.

18 Q. What was your reaction?

19 A. That's never happened ever, in court or in a meeting.

20 Q. What hasn't happened?

21 A. That I would become just instantly -- it was horrible. I  
22 mean, you could just see everything going poof (indicating).

23 Q. Dr. Tuttle, you mentioned the river that's next to the  
24 facility. Are you aware of the possibility for flooding in this  
25 facility?

1 A. Well, it's happened twice, once in 1993, which I didn't know  
2 about in 2007, and then more disastrously I think in 2008 or '9.  
3 I can't remember.

4 Q. Have you had a concern about the flooding of this facility?

5 A. Yes. Today, in fact, you know, what's going on in Houston  
6 and elsewhere, the climate is changing.

7 Q. Have you recently read any reports regarding the possibility  
8 for flooding in this facility?

9 A. I was sent one, yeah.

10 Q. What report was that?

11 A. As I remember, it was about various cycles of predictability  
12 of damage to the area where the center is, you know, 11 -- or  
13 predicting if it happened in 11 years, the 10 years, that kind  
14 of stuff. And, of course, that's all --

15 MR. MILLER: Your Honor, I'm sorry, I don't mean to  
16 interrupt the witness, but I think the question was if he had  
17 reviewed a report. He's now describing what the report was.

18 It's hearsay.

19 THE WITNESS: Well, I wasn't asked as an expert to  
20 review it, no.

21 THE COURT: Dr. Tuttle, he'll ask another question.

22 THE WITNESS: Okay.

23 MR. STAMBAUGH: And, Your Honor, I will say that  
24 Dr. Tuttle has the stature of an expert in this proceeding, and  
25 I would ask that he be allowed to rely on hearsay documents.

1                   THE COURT: Well, my ruling has consistently been I'll  
2 receive it, subject to the objection, and it is in.

3                   MR. STAMBAUGH: Thank you, Your Honor.

4 BY MR. STAMBAUGH:

5 Q. Dr. Tuttle, you were describing this flood report you had  
6 read.

7 A. Uh-huh.

8 Q. Please continue.

9 A. Well, I think I have said what I have to say about it. I  
10 don't know what basis they premise this on. It must be  
11 meteorological long-term satellite stuff; but supposedly you  
12 should be able to predict -- we don't have the technology I  
13 think to do it yet -- when a flood is likely to occur or not in  
14 a particular area. And, of course, you can miss, and if you  
15 miss, then you lose. You lose your home, you lose valuable  
16 research.

17 Q. In your opinion after reading this flood report, do you  
18 think that this facility is a safe place for the bonobos?

19 A. No.

20 Q. Why not?

21 A. Well, it can flood. The last time I understand the water  
22 was way up, you couldn't even get to the bonobos for a while.  
23 They had to wade through high water just to get there finally,  
24 and, fortunately, they were up near the top of the exhibit or  
25 page.

1 Q. Dr. Tuttle, as someone with your standing in the field and  
2 knowledge of Dr. Savage-Rumbaugh's work, in your opinion, what  
3 is the significance of Dr. Savage-Rumbaugh's work both for the  
4 field and humanity?

5 A. Well, as an anthropologist, I will say that, first of all,  
6 she broke one barrier, the language thing. Language is thought  
7 to underpin human culture, and the linguists at my university --  
8 anthropological linguists teach courses called Language in  
9 Culture. What is the role of language in mediating culture? I  
10 do not want to get into what culture is, but we know -- social  
11 sciences across the board will agree that symbols and symbolic  
12 mediation of beliefs and ideals and behavior and social codes  
13 and morality codes and all are symbolically mediated. That's  
14 what culture is. It's the output of this symbolic mediation.

15 Language is one of those, but Sue has crossed one  
16 barrier. She has the bonobos and -- actually the chimpanzees  
17 first, Sherman Austin, let's stay with that; but she has that  
18 capacity, they have that capacity. It's like having a computer  
19 with a new capacity. Now, can we go forward and get them to  
20 use -- can that be used and cap this cognitive aspect of their  
21 machinery, if you will, to start having using that and becoming,  
22 I hate to say it, moral social beings. I mean, socially  
23 mediated and social beings with the sense of feelings where you  
24 can tell us whether their altruistic behavior is based on  
25 feelings or whether it's just a mechanism, you know, to get by.

1 Q. Do you have an opinion as to whether that research should  
2 continue?

3 A. Of course, it should.

4 Q. Dr. Tuttle, have you recently visited the Great Ape Trust?

5 A. Yes. I was out there yesterday for about 45 minutes.

6 Q. Please tell us about that visit.

7 A. Well, it's showing the wear and tear. That's my opener. Of  
8 course, what can you tell in 45 minutes? I did see all five of  
9 the bonobos. Some were more active than others. Kanzi was not  
10 terribly interactive until he was asked if he wanted a surprise,  
11 and then he became very animated; but before that he was just  
12 sitting with his back -- he knew we were there. We were in  
13 masks and gloves. I don't know if that had any effect --  
14 fiddling through some vegetation. And it was like, I don't know  
15 just -- I'm not in -- I don't know about stereotypings and  
16 stuff, but it didn't look like -- but it could have been the  
17 rain. I don't know.

18 The others, most of the others -- initially two were  
19 covered by blankets. They wanted to be outside it seemed rather  
20 than inside, which was interesting, and I got spit on.

21 Q. Who spit on you?

22 A. Nyota.

23 Q. I'm sorry?

24 A. Nyota.

25 Q. How did Nyota look?

1 A. He was more animated, but he was displaying for my benefit I  
2 think.

3 Q. Did that have any significance to you that Nyota spit on  
4 you?

5 A. I didn't like it, obviously. Yeah, well, he was sick, too.  
6 He was hacking, you know, very wet hacking cough and stuff, so  
7 I'm trying to get over the flu. I think I might have a new  
8 kind, but it wasn't too helpful. I don't know what the mask was  
9 doing, whether that -- I think it's just something that he's  
10 taken up.

11 Q. Were the bonobos active in communicating and running around?

12 A. When surprise was said, then -- when Kanzi started to  
13 vocalize, then Nyota who was standing above him started to  
14 vocalize, and the ones across the way also joined in in also  
15 vocalizing.

16 Q. Was the communication that you saw yesterday consistent with  
17 the research trajectory of Dr. Savage-Rumbaugh as you understand  
18 it?

19 A. It was bonobo communication. It wasn't through symbols or  
20 whatever.

21 Q. Did you see lexigram keyboards?

22 A. I saw it a short distance away, yeah, the one outside where  
23 the surprise was asked and --

24 Q. To your knowledge, were all of the lexigram keyboards  
25 functioning?

1 A. I saw nothing lit on that keyboard. It could have been  
2 scratched up. I don't know. Inside there's another keyboard  
3 that seemed to be working with -- I think it was on a big yellow  
4 dot. It looked to me like what had been used on the orangutan  
5 project, but I don't know. I didn't ask.

6 Q. Who was with you on this visit?

7 A. Shane, Sue's son. I think his last name is Rumbaugh. I  
8 can't remember. He grew up, and he was communicating with  
9 Kanzi.

10 Q. Who visited you and welcomed you to the center?

11 A. Bill Hopkins.

12 Q. Do you know Bill Hopkins?

13 A. Yes. I've known him his entire career.

14 Q. And how do you know him professionally? What do you know  
15 about him professionally?

16 A. I just have him in high regard as a professional. He's an  
17 expert on laterality. We have two hemispheres of our brains and  
18 other mammals do, going way back to fish for certain. Certain  
19 behaviors are lodged in one or the other. The theory is that  
20 the neural activity -- if you had to have both engage, it would  
21 slow down the neural activity, your ability to respond, and so  
22 forth.

23 Q. Did Kanzi recognize Shane when you went in?

24 A. I'm not sure, I'm not sure, because we were masked, and  
25 there was certainly no immediate response. As I say, he had his

1 back to us and sort of, you know, looked around and back and  
2 finally he came and got in the tunnel near the keyboard.

3 Q. You mentioned you had to wear masks and gloves. Did the  
4 bonobos, were they able to go into the forest?

5 A. There is a woods there, but I did ask about that. No, they  
6 can be in the grassy area before that I think. I don't know how  
7 far out, but --

8 Q. Were you taking -- I'm sorry. Were you taken to an  
9 infirmary?

10 A. I asked if there was an infirmary. There's one that is  
11 going to be developed, but the room was empty.

12 Q. Was there an infirmary there yesterday?

13 A. No.

14 Q. What was it?

15 A. It was an empty room.

16 Q. Dr. Tuttle, in your opinion, did it appear to be a  
17 functional research center?

18 A. There were two people there. Bill was there and another  
19 person, Sara, and I don't know what they were doing before, but  
20 there was no other activity going that I could see; but we could  
21 have distracted them from whatever they were doing research  
22 wise.

23 Q. Dr. Tuttle, are you familiar with the settlement agreements  
24 entered into in this case?

25 A. I've seen them, yes.

1 Q. Have you read the research trajectory provisions in those  
2 settlement agreements?

3 A. Yes.

4 Q. Do you know what that research trajectory is?

5 A. Well, I know what it is to Sue, and as I read it, that is  
6 what it is to Sue.

7 Q. Do you have a personal opinion as to what that research  
8 trajectory looks like?

9 A. Yes. I think it carries forward from the linguistic  
10 capabilities to instantiated in culture to test out now whether  
11 we can move ahead and see if you have symbolically deviated  
12 culture, if that can be achieved in bonobos, and even further  
13 than that if you can, can you start really finding out what  
14 they're thinking. We know they think, but can we really get at  
15 thinking, and do they have any kind of goals, do they have  
16 belief systems, do they have ideals even.

17 Q. You mentioned that you are familiar with Dr. Bill Hopkins,  
18 is that right?

19 A. Yes.

20 Q. Do you know who Dr. Jared Taglialatela is?

21 A. Yes, of course.

22 Q. Are you familiar with his work?

23 A. Yes. I've even helped it I think at times as an editor of a  
24 journal and whatever throughout his career.

25 MR. STAMBAUGH: Your Honor, at this time I would like

1 to publish the amended version of Exhibit 1006 that has already  
2 been admitted in evidence.

3 THE COURT: Okay.

4 THE WITNESS: I have it. No, I have --

5 BY MR. STAMBAUGH:

6 Q. And, Dr. Tuttle, you can also look at the screen right in  
7 front of you if that would help.

8 A. Oh, thanks.

9 Q. And there's a screen to your left behind you.

10 A. Okay. I'm looking.

11 Q. I'm going to ask you to go ahead and take a look at what's  
12 been marked as Exhibit 1006.

13 If you want to go ahead and scroll down.

14 A. It says out of range.

15 Q. Oh, your screen is not working. It's not the first time.  
16 It's nothing against you personally, Dr. Tuttle.

17 Have you seen this document before?

18 A. What is it? I have a paper copy here of something called  
19 ACCI Active Research Protocols. Is that what we're talking  
20 about?

21 Q. Correct. Why don't you go ahead and take a look at that  
22 paper copy first. And why don't we take just a second to see if  
23 we can fix your screen.

24 A. This is old, I think. It has eight. I've seen one that has  
25 11.

1 Now, you'll have to -- how do I scroll?

2 THE CLERK: You don't. They do.

3 MR. STAMBAUGH: Your Honor, may I approach?

4 THE COURT: You may.

5 BY MR. STAMBAUGH:

6 Q. Dr. Tuttle, I've handed you what is the amended version of  
7 Exhibit 1006.

8 A. Thank you.

9 Q. So you can refer to that. Have you seen this document  
10 before?

11 A. Yes.

12 Q. Have you reviewed it?

13 A. Well, as best I can. I would like to see the substance -- I  
14 see titles and dates, but I would like to see the substance of  
15 what is being planned, over what time period, how many subjects,  
16 you know.

17 Q. But you've read these protocols, the titles of the  
18 protocols?

19 A. Yes, yes.

20 Q. Dr. Tuttle, in your opinion, do you think that these  
21 research protocols can accomplish the research trajectory that's  
22 set forth in the settlement agreements?

23 A. No.

24 MR. MILLER: I'm sorry, Your Honor. Objection; lack  
25 of foundation. Objection; relevance.

1                   THE COURT: I'll receive it, subject to the objection.

2                   MR. STAMBAUGH: You can answer.

3 A. Oh, okay. Well, I have been, as I said, on site -- not  
4 exactly a site -- well, one site, not others. I do know how to  
5 read a title and tell perhaps what they might want to do. What  
6 I can't do here is to tell exactly how they're going to  
7 accomplish all of this. In fact, you have five subjects, five  
8 bonobos to work with, and 11 projects. It just doesn't seem  
9 feasible to me that you're going to be able to do this in a  
10 reasonable amount of time. It should be pruned down to a couple  
11 of really central things to look at and justify that.

12 BY MR. STAMBAUGH:

13 Q. You mentioned the amount of time it might take. Is someone  
14 who is present at the lab approximately six days a month able to  
15 accomplish the research necessary to continue  
16 Dr. Savage-Rumbaugh's research trajectory?

17                  MR. MILLER: Objection; lack of foundation.

18 Objection; relevance.

19                  Thank you.

20                  THE COURT: I'll receive it, subject to the objection.

21 A. They couldn't do it themselves certainly if you have  
22 obligations elsewhere, and so forth, and that means you would  
23 have to get assistants and students and whatever to be doing the  
24 actual work, and that can have its pitfalls.

25 BY MR. STAMBAUGH:

1 Q. You mentioned that you know Dr. Bill Hopkins, correct?

2 A. Yes.

3 Q. And you know of Dr. Jared Taglialatela?

4 A. Yes.

5 Q. In your professional opinion, Dr. Tuttle, do you think that  
6 Dr. Hopkins and Dr. Taglialatela are well situated to continue  
7 the research trajectory of Dr. Savage-Rumbaugh?

8 A. I think, in fact, it's quite the opposite.

9 Q. Why is that?

10 A. Because we have the language thing, now we want to move it  
11 forward into areas that aren't really represented here. It's  
12 more comparative psychology than it's something that would be --  
13 I'm sure my colleagues in social anthropology wouldn't accept  
14 this. It's more anthropological. You're really getting at what  
15 it is to be a human being, a culture, a culture bearing  
16 symbolically deviated being. And she's the only one who has the  
17 faith in this to carry it forward, and she had started it even,  
18 but because of that grant -- the grant had all of that in it;  
19 but when you have an unqualified person to be the project  
20 director, as long as she's willing to do it herself, I think we  
21 can make some progress.

22 Q. Dr. Tuttle, have you seen any recent videos in addition to  
23 your site visit yesterday showing what's going on at the Great  
24 Ape Trust today?

25 A. Well, I saw Jared talking to some news people about biking

1 for bonobos and stuff, but I don't recall there being any  
2 footage in there about bonobos. The preceding one from March, I  
3 think, done by Cedar Rapids was -- again, it was more, you know,  
4 an entertainment piece almost. I mean, it was trying to make  
5 the point that they're all happy and everything is going fine.  
6 There was one statement about the research that's going on, but  
7 actually what Sara said was that she's there to get things  
8 started so that they can get -- have some data, in essence. I'm  
9 paraphrasing.

10 Q. And just for the record, you're talking about an earlier  
11 video?

12 A. March, I think, March.

13 Q. Of the bonobos at the Great Ape Trust?

14 A. Yeah, yeah.

15 Q. What did that indicate?

16 A. It had Teco in it and Nyota, and there was one very silly  
17 thing. Nyota was sitting with his mouth pressed to the glass  
18 and a girl runs by and kisses him, kisses the glass and runs on,  
19 and he wiped his mouth off on his arm, which was humorous; but I  
20 don't know why that's going on. It's not good health for people  
21 to be kissing the glass, I wouldn't think.

22 Q. What do the videos indicate to you, in your opinion,  
23 regarding the actual research that was happening at the lab?

24 A. There was no research apparent. There was a promise of  
25 things to come, but there was no research apparent. And one of

1 the chimpanzees had a slash on his back, too, a deep open wound,  
2 which was not there when we saw it, so apparently it had been  
3 treated.

4 Q. Dr. Tuttle, you mentioned Sara few minutes ago. Who is  
5 Sara?

6 A. Her name is Sara Skiba. She said on the phone that she's  
7 the coordinator of the research.

8 Q. I'm going to ask you to take a look at Exhibit 1006 to see  
9 if you recognize the Sara you're talking about?

10 A. Yes. She's on the first one, the second one, the third one,  
11 the fourth one, the fifth one, the sixth one, the seventh,  
12 eighth and ninth. She's not on one or two of them, as a  
13 research assistant.

14 Q. Sara Skiba is listed as a research assistant on the majority  
15 of these protocols?

16 A. Yes.

17 Q. Do you know who Sara Skiba is?

18 A. I met her.

19 Q. When did you meet her?

20 A. Yesterday, apart from seeing her on the video, but yes, I  
21 met her yesterday. She seemed to be very bright, eager. I  
22 think she's a master's student at Jared's school.

23 Q. Dr. Tuttle, just a few final questions for you. I'll  
24 represent to you that Dr. Taglialatela testified here in court  
25 that, in his opinion, Kanzi is not any worse off for not having

1 interacted with Dr. Sue Savage-Rumbaugh. What is your  
2 professional opinion of that statement having just seen Kanzi  
3 yesterday?

4 MR. MILLER: Objection; lack of foundation.  
5 Objection; relevance.

6 THE COURT: I'll receive it, subject to the objection.

7 THE WITNESS: And can I answer or not?

8 MR. STAMBAUGH: You can answer it.

9 A. Yeah. Let me sort of answer this in a somewhat different  
10 way. We talk about enrichment of captive animals. There are  
11 two zoos in Chicago that I take our students to, and I won't  
12 tell you the project, but it's on this kind of thing. They have  
13 done everything you can imagine almost to enrich the environment  
14 of the gorillas, chimpanzees, et cetera, in their zoos; but it  
15 can't compare with what Sue was doing. Sue was the enrichment  
16 for Kanzi. He grew up with her, et cetera. She was his  
17 enrichment. I mean, the things she brought to him, not just her  
18 presence, but the way she interacted, the things she introduced  
19 him to, the things she exposed him to that he learned on his  
20 own, you know, by just being around, et cetera. That was the  
21 enrichment.

22 None of that was going on when I went Thursday. He's  
23 sitting out in the grass, fiddling with the grass, but that's 45  
24 minutes. But I don't think you can match that. I don't think  
25 you can take someone, some being that's had that kind of thing

1 and then just stop it.

2 BY MR. STAMBAUGH:

3 Q. Dr. Taglialatela also testified for us that in his 20 years  
4 experience he thought that the emotional health of these bonobos  
5 was good. In your professional opinion, what do you think the  
6 emotional health of these bonobos will be going forward without  
7 Dr. Sue Savage-Rumbaugh?

8 MR. MILLER: Objection; lack of foundation.

9 Objection; relevance. Objection; also calls for speculation.

10 THE COURT: I'll receive it, subject to the question.

11 A. Would you --

12 BY MR. STAMBAUGH:

13 Q. With your fifty years of experience?

14 A. Rephrase it. I mean without the 50 years. Tell me what  
15 you're asking again.

16 Q. Yes, absolutely. Dr. Tuttle, in your opinion, what do you  
17 think will happen to the emotional health of these bonobos if  
18 Dr. Sue Savage-Rumbaugh is absent from their lives forever?

19 A. I can't -- it's too broad a question in a sense. I mean,  
20 they're going to continue to live on. I mean, people live on  
21 after all kinds of awful things happen to them, and they can be  
22 re -- what is it; reconstituted, if you will, to some extent,  
23 but it doesn't -- the question would have to be, if you want me  
24 to speculate, would he be a happier, more productive for  
25 humankind bonobo if he had stayed with Sue, yes, absolutely, and

1 the others as well. We would be well along in knowing yes or no  
2 about, again, what I've spoke of of the cultural part of  
3 language and culture.

4 Q. And, finally, Dr. Tuttle, you've seen Mr. Ryan Sheldon's  
5 PowerPoint presentation?

6 A. Yes.

7 Q. Have you?

8 A. Yes.

9 Q. And what was your opinion of his PowerPoint presentation in  
10 terms of a viable alternative location for these bonobos?

11 A. I would move them immediately if it were ready or as soon as  
12 they are and without -- we've talked about many things. I think  
13 the flooding threat is the big thing and the toxicity of the  
14 soil. I just don't understand why the soil isn't tested and  
15 whatever. They shouldn't be there until the place is ready to  
16 serve them well. And this is not faulting Jared and Bill, Bill  
17 Hopkins and Jared Taglialatela; but the place I think has  
18 become -- it can't help but become more toxic. They have been  
19 dying. I mean, what kind of -- what more do you want? I don't  
20 know if it's directly related, but something is going on there  
21 that they die. If they're subject to respiratory stuff and it's  
22 going through the colony and the fourth one dies, Panbanisha,  
23 then why aren't remedial things taken, why don't you look at the  
24 whole context of things. Is that an enriched environment?

25 Q. In your professional opinion, it's not an enriched

1 environment?

2 A. No. It isn't for people and it wouldn't be for apes.

3 MR. STAMBAUGH: Your Honor, I have no further  
4 questions at this time and pass the witness.

5 THE COURT: Cross-examination.

6 CROSS-EXAMINATION

7 BY MR. MILLER:

8 Q. Good afternoon, Dr. Tuttle. My name is Bill Miller. We met  
9 in the hall briefly.

10 You were just discussing you're aware that four  
11 bonobos died through Panbanisha, is that right?

12 A. No. I said there were four ill. The report that I read,  
13 the obituary -- not obituary; the autopsy Panbanisha stated that  
14 four had been ill.

15 Q. Okay. At the time that Panbanisha died four were ill?

16 A. They had been.

17 Q. Okay.

18 A. It was as if the virus was going from A to B to C to D,  
19 which is common with people. It takes them awhile for a virus,  
20 if you get it, to start showing symptoms.

21 Q. Okay. And you're concerned there was no followup on that  
22 issue at that time?

23 A. From when the first one got sick, obviously.

24 Q. Right. And you understand at that time Dr. Taglialatela and  
25 Dr. Hopkins were not on the scene?

1 A. I just said that, that I didn't hold them responsible for  
2 that.

3 Q. Right. Dr. Rumbaugh was the scientist in residence,  
4 correct?

5 A. I have no idea. I just don't remember any mention of Bill  
6 or -- I don't know if they were in charge of the center at the  
7 time. I don't know who was in charge of the center at the time.

8 Q. You have very impressive credentials, and I will establish  
9 that; but you have no credentials with respect to flooding or  
10 expertise with regard to flooding, correct?

11 A. No.

12 Q. And same thing with toxicity of water or soil; is that  
13 accurate?

14 A. I know if it's there, it should be eradicated. My point is  
15 it should be tested and, to my knowledge, it has not been. Even  
16 today I don't know.

17 Q. Right. And you came to that conclusion when you first  
18 visited the center in 2008 or before?

19 A. No. I had asked the question when I saw the plans, has it  
20 been tested? I was told -- I wasn't really answered, but it  
21 wasn't my business to start asking them to test the soil.  
22 People heard it. I assumed it would proceed.

23 Q. Okay. And that was made in --

24 A. A year later I was invited to be on the scientific advisory  
25 board, and I'm sure if I would have stayed on it without Ted

1 saying he would fire Sue, I would have demanded it.

2 Q. Did you tell either Dr. Duane Rumbaugh or  
3 Dr. Savage-Rumbaugh, you can't leave Georgia until somebody  
4 shows you a test or a report about flooding?

5 A. No. I hadn't seen the plans yet.

6 Q. The same thing, you didn't say to them, you cannot leave  
7 Georgia until you are satisfied that there's no toxic soil here?

8 A. No.

9 Q. And Dr. Duane and Dr. Sue are close friends of yours for  
10 decades; fair?

11 A. Yes, I would say that. You would have to ask them.

12 Q. Sure.

13 A. But I know where my heart is.

14 Q. Now their son drove you around yesterday for your visit here  
15 in town?

16 A. Yes. It was nice to see him again. And I told him he  
17 probably would have to wait outside.

18 Q. Right. But he was welcomed into the center?

19 A. He grew up with Bill.

20 Q. Why did Dr. -- or excuse me, why did Mr. Townsend want to  
21 fire Dr. Savage-Rumbaugh?

22 A. You don't ask Ted why. He just does what he wants.

23 Q. Well, did he tell you why?

24 A. No. And, in fact, if you -- if I can talk at length, I  
25 did -- I wrote to him when I got home and told him, you can take

1 me off the board, too. In fact, while I was there, he asked me  
2 if I would chair the board -- this is the first day -- and also  
3 would I be willing to come and be the director of the center,  
4 this new center.

5 Q. Ted was asking you to replace Dr. Savage-Rumbaugh?

6 A. No. I don't know that Sue was meant to be the director.  
7 She was the researcher, lead researcher.

8 Q. During your visit yesterday, did you ask Dr. Hopkins to  
9 review the IACUC protocols or any and all documents backing  
10 Exhibit 1006 that you looked at?

11 A. No. You mean the actual texts of them?

12 Q. Right.

13 A. No. No, I did not.

14 Q. But you told the court those are important, you wanted to  
15 see them?

16 A. No. I would like to see them I said before I would judge  
17 it, but it looks too busy to me -- regardless what's in them, it  
18 looks like a very busy agenda, especially if you're not set up.

19 Q. Okay. But you testified you wanted to review them and you  
20 didn't ask to review them while you were there?

21 A. No. I wasn't there for that. I was to see the condition of  
22 the animals and the facility, et cetera.

23 Q. Did you ask to review any documents while you're visiting?

24 A. No.

25 Q. Is another common reaction for an ape in captive environment

1 to spit on a person they don't know?

2 A. Well, he knew -- no, he wouldn't know Shane either. I don't  
3 know. How would he know me, if he did know me, with a mask on?

4 Q. Okay. But that reaction, spitting on you, may have been a  
5 reaction to the fact that he did not know you, correct?

6 A. That's speculation.

7 Q. It's one possibility, correct?

8 A. If you want to make it so, yes. I don't know.

9 Q. And you were wearing a mask because you had just recovered  
10 from the flu and you had been asked to --

11 A. No, no. It's the rule, you have to. If you go in certain  
12 areas of the ape places, you're supposed to wear a mask and  
13 rubber gloves.

14 Q. You had a question about Dr. Savage-Rumbaugh's research  
15 trajectory. Have you reviewed Bonobo Hope's research  
16 trajectory?

17 A. Yes, not in this, but I've seen it.

18 Q. Okay. What did you review?

19 A. I think I was asked to be on that board, too, at some point.  
20 I don't remember. It would have been sometime when it was  
21 forming, but I don't remember.

22 Q. What is the research trajectory?

23 A. The research trajectory is -- it's in a paragraph in a  
24 couple of things where you go from things that have already been  
25 done into art and agriculture, and I forget what all. I would

1 have to have it in front of me.

2 Q. I appreciate that. I think you're referring to the research  
3 trajectory you read and you testified to about the settlement  
4 agreements. I'm saying, what did you review that Bonobo Hope  
5 gave you with the research trajectory?

6 A. I don't know that Bonobo Hope gave me anything.

7 Q. And you haven't reviewed their research trajectory?

8 A. No, no.

9 Q. Do they have a research trajectory that they've shared with  
10 you?

11 A. I assume it's the same as was in those documents, the  
12 settlement agreements.

13 Q. And you would not move the bonobos to Missouri until -- you  
14 said at least until the facility is finished, is that right?

15 A. Well, of course.

16 Q. You were okay with the proposal with respect to caging of  
17 the bonobos?

18 A. I don't understand.

19 Q. You had an opportunity to review Mr. Sheldon's proposal,  
20 correct?

21 A. Yes. I've seen the presentation of it. It looks wonderful,  
22 but I would certainly not start moving them immediately. It's  
23 too bad we can't do that. It's not finished.

24 Q. And you're comfortable with that proposal, even though there  
25 are cages for the bonobos?

1 A. There will have to be.

2 Q. And you're comfortable moving them, even though it will  
3 require anesthetizing them before you move them down to  
4 Missouri?

5 A. I'm not sure it would require anesthetization before moving  
6 them. In fact, I think you could probably get around that,  
7 unless there's a law about it or something, you know.

8 Q. So if it's a USDA requirement, you would agree that that  
9 would be necessary?

10 A. It wouldn't be my place to agree or disagree. I would have  
11 nothing, no reason to be commenting on it really.

12 MR. MILLER: Dr. Tuttle, thank you for your time.

13 Have a safe trip back.

14 THE COURT: Doctor, I do have a question for you. I  
15 didn't pick it up. You might have mentioned it. When was it  
16 that Mr. Townsend told you that he wanted to fire  
17 Dr. Savage-Rumbaugh?

18 THE WITNESS: It was at the first meeting of the  
19 scientific advisory -- what was it -- council anyway -- well, an  
20 advisory council, the first meeting. It was in 2007. There's a  
21 copy of the invitation somewhere in the records. I have -- no,  
22 it's not. But I have the invitation to do it, yeah.

23 THE COURT: Thank you, Doctor.

24 THE WITNESS: Thank you.

25 THE COURT: Anything further?

1 MR. STAMBAUGH: Nothing further, Your Honor.

2 Thank you.

3 THE COURT: You may step down, sir. Thank you.

4 May this witness be excused?

5 MR. MILLER: Yes.

6 MR. STAMBAUGH: Yes.

7 THE COURT: You're excused.

8 THE WITNESS: What's the short way out?

9 THE COURT: Directly to the door.

10 (Witness excused.)

11 MR. STAMBAUGH: Your Honor, with the conclusion of  
12 Dr. Tuttle's testimony, again, Your Honor, defendants do rest  
13 their case. There's one very small housekeeping issue with  
14 documents that I've spoken to opposing counsel about. I think  
15 we can deal with that at the end if necessary so we can move  
16 along.

17 So for present purposes, reserving those rights,  
18 defendants rest.

19 THE COURT: Ready to call your next witness,  
20 Mr. Miller?

21 MR. MILLER: We are, Your Honor. And just to  
22 confirm -- and I apologize -- my understanding, I believe  
23 counsels' understanding as well, is the court intends to defer  
24 any motion, oral motion that we might make to the briefing that  
25 we're contemplating for after the hearing?

1                   THE COURT: You can join such a motion if you want  
2 with your briefing, yes. I will accept that. Nobody needs to  
3 make -- you're talking about a motion for judgment as a matter  
4 of law?

5                   MR. MILLER: For instance, Your Honor, I was not  
6 intending to do that. I just didn't know if you were expecting  
7 we could do that. I think both of our understanding was we were  
8 going to be briefing these issues, but we didn't want to  
9 surprise the court if we didn't address that I guess.

10                  THE COURT: It wouldn't surprise me. I always hope  
11 people tell me.

12                  So we're clear, can it be stipulated and agreed that  
13 all rule 50 type motions which might be made at the conclusion  
14 of one party's record or the other party's record, all of those  
15 things may be reserved until the posttrial briefing and may be  
16 included therein as a part of the briefing? Is that  
17 satisfactory?

18                  MR. STAMBAUGH: So stipulated, Your Honor.

19                  MR. MILLER: Same, Your Honor.

20                  Thank you.

21                  MR. MELHUS: Plaintiffs call Dr. William Hopkins to  
22 the stand.

23                  THE COURT: Dr. Hopkins, if you would come forward,  
24 please, and face the clerk, she'll administer the oath to you.

25                  THE CLERK: If you would stop right there. Raise your

1 right hand.

2 WILLIAM HOPKINS, PLAINTIFF'S WITNESS, SWORN

3 DIRECT EXAMINATION

4 BY MR. MELHUS:

5 Q. Good afternoon, Dr. Hopkins.

6 Could you please state your name and spell your last  
7 name for the record, please.

8 A. William Hopkins, H-O-P-K-I-N-S.

9 Q. And could you please describe your educational background  
10 for the court?

11 A. I have a bachelor's degree in psychology from the University  
12 of Wisconsin, a master's and Ph.D. from Georgia State  
13 University. That's my academic background.

14 I have held three faculty appointments. I worked from  
15 1994 to 2005 at Berry College in Rome, Georgia. In 2005 I moved  
16 to Agnes Scott College, an all women's liberal arts college in  
17 Atlanta, from 2006 to 2011. And then in 2012 I went to the  
18 Neuroscience Institute at George State University, which is  
19 where I am now. I've also held an appointment as research  
20 associate scientist of Yerkes National Primate Research Center  
21 since 1990, and I continue with that appointment today.

22 Q. And you're currently a member of the ACCI Board of  
23 Directors, is that correct?

24 A. That's correct -- I'm sorry, I'm president of ACCI.

25 Q. Okay. And could you please direct your attention to what's

1 been marked as Plaintiffs' Exhibit 1008. It's in the small  
2 binder in front of you.

3 A. Okay.

4 Q. And could you just describe that document generally for the  
5 court?

6 A. I just want to make sure -- could you say the document  
7 again; I'm sorry?

8 Q. I'm sorry. It's Plaintiffs' Exhibit 1008.

9 THE COURT: It should be in the small notebook.

10 THE WITNESS: Right there?

11 THE COURT: No, not that.

12 MR. MELHUS: May I approach, Your Honor?

13 THE COURT: You may.

14 THE WITNESS: Sorry. I want to make sure I'm looking  
15 at the -- oh, 1008. I'm sorry. Oh, I'm sorry, it's my CV.  
16 Okay. It's an exhibit now.

17 BY MR. MELHUS:

18 Q. I think I may have missed it, but you said that was your CV?

19 A. That's correct.

20 Q. Okay. And just in the general sense, are CVs created in the  
21 normal course of business as a Professor of Neuroscience at  
22 Georgia State University?

23 A. A CV would be an academic's, essentially their resume, and  
24 they're continually updated with changes in appointments or  
25 publications, grants, any other academic responsibilities you

1 might have such as serving to the college or community.

2 Q. And did you prepare that CV?

3 A. I did.

4 Q. And did you prepare it in the normal course of business as  
5 you just described?

6 A. That's correct.

7 Q. Is it a complete and accurate representation of your  
8 accomplishments to date?

9 A. Pretty close.

10 Q. Okay. Did you make each of the entries on the CV or update  
11 them at or about the time that the accomplishments occurred?

12 A. Yes.

13 MR. MELHUS: Plaintiffs offer Exhibit 1008 into  
14 evidence at this time.

15 (Plaintiffs' Exhibit 1008 was  
16 offered in evidence.)

17 MR. STAMBAUGH: No objection, Your Honor.

18 THE COURT: 1008 is received.

19 (Plaintiffs' Exhibit 1008 was  
20 received in evidence.)

21 BY MR. MELHUS:

22 Q. Could you please describe for the court how you became  
23 involved with the bonobos at ACCI?

24 A. Okay. In the fall of 2013, Dr. Taglialatela was approached  
25 by Bonobo Hope and Sue and Duane Rumbaugh to assume leadership

1 of the organization, and Jared approached me and asked me if I  
2 would be willing to help. So I said yes, I'm certainly willing  
3 to consider that, given the history that I had also had with  
4 those particular bonobos, and we came to visit in the fall of  
5 2013 and decided -- I decided at that point that I would work  
6 with Jared toward, you know, resurrecting the facility and the  
7 organization.

8 Q. Okay. Prior to making that decision, did you have any  
9 conversations with Dr. Sue Savage-Rumbaugh?

10 A. We did. We talked by phone, and we had a number of e-mail  
11 exchanges that I was copied on, including the correspondence  
12 with Jared, and we were assured that we would have autonomy to  
13 move the research in the direction that we thought would be most  
14 beneficial for garnering private or public sector support for  
15 the work and to try and, you know, essentially, you know,  
16 reactivate, you know, start the program of research again and  
17 try to improve the visibility of the institution both nationally  
18 and internationally, which I think it was suffering at that  
19 time.

20 Q. Okay. And I think you mentioned some e-mail communications  
21 with Dr. Savage-Rumbaugh, is that correct?

22 A. That's correct.

23 Q. Could you please direct your attention to what's been marked  
24 as Plaintiffs' Exhibit 1005.

25 A. I'm sorry, I don't -- 1005? There doesn't seem to be

1 anything in the 1005, unless I'm missing something.

2 THE COURT: Why don't you help him out.

3 MR. MELHUS: May I approach the witness, Your Honor?

4 THE COURT: You may.

5 THE WITNESS: I'm sorry, I can't read a folder.

6 MR. MELHUS: That's okay.

7 THE WITNESS: 1005?

8 MR. MELHUS: One moment, Your Honor.

9 (Pause.)

10 THE COURT: I have my copy here if that would help  
11 speed things up.

12 MR. MELHUS: Well, I think we have another copy here.

13 May I approach, Your Honor?

14 THE COURT: You may.

15 THE WITNESS: Okay.

16 BY MR. MELHUS:

17 Q. Could you please briefly describe that document for the  
18 court?

19 A. This document is a series of correspondence principally  
20 between Sue and the board members of IPLS encouraging them to  
21 endorse and support Jared and my control over essentially IPLS.  
22 And, you know, the rest of the document just describes her  
23 support for us, our credentials to manage the facility and to  
24 take care of the apes. And the rest of the document is the  
25 support that we received from the Bonobo Hope board endorsing

1 our appointments to the IPLS and to the management of the  
2 operation.

3 Q. And based on that e-mail and some of the conversations you  
4 described earlier, what was your understanding of your role at  
5 the Iowa Primate Learning Sanctuary and the research it was  
6 conducting moving forward?

7 A. My understanding was that essentially the organization was  
8 being handed to Jared and I and that we were being asked, and I  
9 would even go so far to say as we were being, you know, begged  
10 to take over the management and the care of the animals, and  
11 that's what was my understanding. It was my understanding we  
12 had complete authority to do that, to take the research in the  
13 direction it needed to go, and we had the complete authority to  
14 make decisions about the welfare of the animals, and that was my  
15 understanding of the agreement. And, quite frankly, I would not  
16 have got involved without that stipulation.

17 Q. Okay. And you understand that prior to those conversations  
18 and that e-mail that's marked as an exhibit, Plaintiffs' Exhibit  
19 1005, that Dr. Savage-Rumbaugh had a more active role in IPLS?

20 A. No.

21 Q. Excuse me. Prior to the conversations and e-mail  
22 communications prior to you joining IPLS, did  
23 Dr. Savage-Rumbaugh have a more active role at any point  
24 historically?

25 A. At IPLS, yes, she did. Prior to our involvement, yes. The

1 plan was not for her to be involved going forward.

2 Q. Okay. I would like to talk about some of the research  
3 that's being conducted at ACCI currently. Could you please  
4 direct your attention and I'm going to ask you to flip to the  
5 exhibit book in front of you again. It's Plaintiffs Exhibit  
6 1006.

7 A. Okay.

8 Q. And could you describe that document just briefly?

9 A. It looks like a brief description of the active IACUC or  
10 research protocols that have been approved at ACCI.

11 Q. Okay. And would you be able to describe some of those --  
12 some of that research that's reflected in this document for the  
13 benefit of the court, starting with, for example, what's  
14 described as AUP No. 140423-01? It's the very first protocol on  
15 the list.

16 A. Well, the first project is Dr. Taglialatela's proposal. In  
17 that particular IACUC, the goal is to go back and to  
18 characterize the speech comprehension abilities of all of the  
19 bonobos at ACCI. We know that Kanzi's abilities are well  
20 documented, but the rest we know much less about, although  
21 clearly we interact with them, we have a sense they understand  
22 many, many words, but we don't really have a sense of that.

23 For me, I guess, this complements the work from the  
24 past in important ways in that we're establishing, you know,  
25 what other individuals are capable of doing this. And then the

1 larger goal of that project is to incorporate experimental  
2 psychological methods into assessing what are the underlying  
3 mechanisms that allow for these bonobos to comprehend spoken  
4 English. It's really a remarkable ability that they have, but  
5 we really, really don't understand beyond their capacity to do  
6 that much about how they're capable of doing that. And if you  
7 look in the literature and you look for theories for an  
8 explanation of that, there's very few of them, and it's really  
9 difficult to reconcile what they're capable of doing with what's  
10 out there theoretically.

11 So to me this is a very important project and  
12 certainly one that complements the work from the past.

13 Q. When you describe the work from the past, could you kind of  
14 explain what you mean?

15 A. Well, I'm talking about the work that's been started at the  
16 Language Research Center in the early 1970s, and that is the use  
17 of symbols, the ability -- there's documentation of the  
18 linguistic capacities of chimpanzees and bonobos. So that's  
19 essentially what I mean by the past.

20 Q. Okay. And would it be fair to characterize that type of  
21 research as experimental psychology?

22 A. Absolutely.

23 Q. Would it be fair to characterize that type of research as  
24 the use of language?

25 A. Yes.

1 Q. Would it be fair to characterize that type of research as  
2 involving ape intelligence?

3 A. Absolutely, sure. I mean, again, as, you know, their  
4 capacity to acquiring and use the symbols and their capacity to  
5 particularly comprehend the speech certainly reflects something  
6 about their intelligence. So it certainly captures, you know,  
7 that theme as a research theme as a whole, sure.

8 Q. Okay. And I think the court may be curious, and there's  
9 certainly some questions about some of the other research that's  
10 going on at ACCI, so I'll ask you just to describe one more  
11 research protocol.

12 Let's move to the third on the list, which is marked  
13 as AUP No. 140611-02. Could you describe that protocol and the  
14 research that's being conducted under it?

15 A. So this is Dr. Lyn's protocol, so she's really interested in  
16 examining the role that social linguistic experiences have on  
17 the developmental cognition. And so in this particular set of  
18 studies, she's developed or is employing something called a  
19 primate cognition test battery. So it's sort of a standardized  
20 intelligence test, for lack of a better term, that's used to  
21 measure sort of social and physical intelligence in apes  
22 specifically.

23 So her goal in that project is to explore, you know,  
24 whether acquiring the use of a symbol system, you know, in some  
25 way alters or it selectively picks certain forms of intelligence

1 over others, so that's a pretty significant part of that  
2 project.

3                 The other part of that project is trying to get at an  
4 old question that's been around a long time in the literature,  
5 and that is, what is the motivation behind ape communication.  
6 So starting back in the seventies, it was sort of argued that  
7 apes only sign or use chips or use symbols for instrumental  
8 things, so they only produce keyboard utterances for the  
9 purposes of asking for something, I want this, I want that, I  
10 want that. They never engage in communication just for the  
11 purposes of communication. So, you know, look, there's an  
12 airplane up in the sky, which is -- you know, so this has been  
13 an argument that's been around starting with Paris, but more  
14 recently it was argued in the literature, not just in the  
15 context of simple use, but also in the context of just normal  
16 forms of gestural and vocal communication in apes.

17                 So there's an element of that proposal as well that  
18 aims to look at, you know, whether or not particularly apes that  
19 have been raised in these sort of rich sociolinguistic  
20 environments are more prone to engage in more declarative form  
21 of communication, which are these forms where you talk about  
22 something other than asking for something.

23 Q. Okay. Thank you for that description.

24                 I think we talked earlier about how you would  
25 characterize that type of research. Are you familiar with

1 Dr. Savage-Rumbaugh's research historically?

2 A. Yes, I am.

3 Q. Would you characterize that type of research as continuing  
4 on the same type of research trajectory?

5 A. I would. In fact, I would argue that this work is all, you  
6 know, being framed in a way that complements that work very  
7 well.

8 Q. Since you've been involved at ACCI, have there been any  
9 changes to policies or protocols that are designed to benefit  
10 the bonobos' care and well being?

11 A. Yes. So we have done a number of things in terms of  
12 sanitation. So we've removed some -- at least early on, some of  
13 the greenhouse areas had a bark in them instead of the natural  
14 floors, and so we removed some of those substrates just because  
15 we had some mold building in there and that was we thought a  
16 health problem, so we removed some of that.

17 We've instituted some policies around how the care  
18 staff and also the volunteers interact with the animals in terms  
19 of, you know, certain levels of sophistication and what they're  
20 allowed in terms of contact policy with the animals. So we have  
21 instituted some of those policies as well, and we've also  
22 adopted the policies of having both the volunteers and the care  
23 staff to wear masks and gloves when working with the apes.

24 Q. And what would be the benefit of having the volunteers and  
25 caretakers wear masks and gloves when interacting with the

1 bonobos?

2 A. So it's principally for the health of the apes, so we worry  
3 about human pathogen transmission to the apes, all right. The  
4 apes are in the facility. They're confined. We're not worried  
5 so about the contact, what they encounter with each other. What  
6 we worry about is the volunteers and the staff go home every day  
7 and socialize with other people and other people, and so each  
8 time they do that, you know, they're putting themselves at risk,  
9 you know, of picking up some type of pathogen that could then be  
10 brought back and transmitted to the chimps and the bonobos. So  
11 we just were worried about that. And what prompted that was the  
12 fact that Teco had been ill when we first came on board, and we  
13 were -- it was a respiratory infection. They only get them from  
14 us, no other way. This was on the heels of Panbanisha passing  
15 away from a respiratory infection essentially. So we just  
16 didn't want to put the apes at any more risk, so we instituted  
17 this policy, and it's a policy that's used in many institutions  
18 that house great apes.

19 Q. Are there exceptions to the policy to allow for research  
20 interaction with the bonobos?

21 A. Certainly.

22 Q. Could you describe that?

23 A. Yeah. If there's a research justification for not wearing  
24 the masks or the gloves, that can be placed in the IACUC, it can  
25 be presented and evaluated, and a decision can be made. So it's

1 a cost benefit or it's a risk benefit analysis. Does the  
2 benefit of doing whatever research you want to do with them  
3 without wearing a mask or gloves, is that greater than the risk  
4 that it presents to the apes, right. So if it's deemed to be  
5 the case, then that can move forward, and we're not opposed to  
6 that as long as it's scientifically justified.

7 Q. Okay. So it's not the case that you're trying to block  
8 interaction with the apes by requiring people to wear masks and  
9 gloves?

10 A. No, absolutely not. That is not the motive whatsoever.

11 Q. Are you trying to erase Dr. Savage-Rumbaugh's research  
12 trajectory by requiring the use of masks and gloves?

13 A. Absolutely not. We're simply trying to keep the animals  
14 healthy.

15 Q. Are you trying to eliminate Dr. Savage-Rumbaugh's research  
16 trajectory in any way at ACCI?

17 A. No, absolutely not.

18 Q. Do you have a secret agreement or any other type of  
19 agreement with Yerkes to block Dr. Savage-Rumbaugh's access to  
20 the laboratory?

21 A. No, absolutely not.

22 Q. Is there any type of invasive biomedical research going on  
23 at the facility?

24 A. No.

25 Q. Going forward, what would you like to see happen with these

1 bonobos in Des Moines?

2 A. I would -- going forward, I would like the original  
3 agreement that we thought we had signed on to to be enforced,  
4 and that is we would like to be given the autonomy and control  
5 over both the scientific direction and the health and management  
6 of the five bonobos here and the research program forward.

7 Q. Why is that so important?

8 A. Because I think the program has suffered in the past and it  
9 hasn't been terribly productive, and it's been muddled in  
10 controversies with the Bonobo 12 and other kinds of groups  
11 constantly -- there's just been constant, sort of a circus  
12 atmosphere around its management and operation. You know, these  
13 apes deserve more than that. They're an incredibly valuable  
14 research population, and we have an opportunity and we have an  
15 obligation I think to continue investigating what they're  
16 capable of doing. And I think if they were to leave and go  
17 anywhere else, that wouldn't be possible.

18 When we first came on board, I mean there was some  
19 discussion about moving some of the bonobos to zoos, and I  
20 remember thinking that would just be a tragedy. This is the  
21 worst thing that could happen, because we wouldn't be able to  
22 continue to work with them, and they probably wouldn't be in as  
23 good of an environment than they are now.

24 So that's why I really feel like they should stay here  
25 and they should stay and continue to be under our control.

1 MR. MELHUS: No further questions for this witness,  
2 subject to any redirect, Your Honor.

3 Thank you, Dr. Hopkins.

4 THE COURT: Cross-examination?

5 MR. STAMBAUGH: Very briefly, Your Honor.

6 CROSS-EXAMINATION

7 BY MR. STAMBAUGH:

8 Q. Good afternoon, Dr. Hopkins.

9 A. Hello.

10 Q. Do you know who Dr. Russ Tuttle is?

11 A. I do.

12 Q. Is Dr. Russ Tuttle one of the most widely acclaimed and  
13 respected primatologists in the world?

14 A. He's well known.

15 Q. Do you respect his opinion?

16 A. I think it would depend on the topic.

17 Q. Do you respect his opinion with respect to the topic of  
18 primatology?

19 A. Primatology globally, maybe, yeah.

20 Q. And you would agree with me that Dr. Tuttle is more familiar  
21 with the research trajectory of Dr. Sue Savage-Rumbaugh than you  
22 are, correct, sir?

23 A. No.

24 Q. How long have you worked with Dr. Sue Savage-Rumbaugh?

25 A. I've known Dr. Savage-Rumbaugh for 30 years now.

1 Q. And it's your opinion that you know the nature of her  
2 research trajectory better than Dr. Russ Tuttle at the  
3 University of Chicago?

4 A. I do.

5 Q. But you believe his opinions should be respected?

6 A. I do.

7 Q. Dr. Hopkins, you mentioned on direct examination that  
8 there's no secret agreement between ACCI and Yerkes?

9 A. That's correct.

10 Q. But is it your understanding that it's a necessary condition  
11 of any funding from Yerkes that Dr. Sue be absent from the lab?

12 A. Yes, but that's not secret. That's not a secret.

13 Q. Dr. Hopkins, you attended a board meeting of ACCI on  
14 July 29, 2014, is that correct?

15 A. I'm sorry, what was the date?

16 Q. July 29, 2014.

17 A. Yes.

18 Q. Do you recall a discussion about individuals from Yerkes  
19 being sent to ACCI during that board meeting?

20 A. I don't recall that, but that might have come up.

21 Q. Would it refresh your recollection if I showed you a copy of  
22 the board minutes?

23 A. Sure.

24 MR. STAMBAUGH: May I approach, Your Honor?

25 THE COURT: You may.

1 THE WITNESS: Okay.

2 BY MR. STAMBAUGH:

3 Q. So do you recall the discussion of people from Yerkes coming  
4 to ACCI during that board meeting?

5 A. Yes.

6 Q. And what I've just showed you mentions sending a vet, is  
7 that correct?

8 A. That's correct.

9 Q. A PR person?

10 A. That's correct.

11 Q. That means public relations?

12 A. Yes.

13 Q. And their colony manager?

14 A. That's correct.

15 Q. Why was a vet being sent from Yerkes?

16 A. Because if we were ever going to bring chimpanzees to the  
17 facility, they would want to see the layout of the structures to  
18 see whether it would allow for isolation of apes if they were  
19 sick or ill, or things like that.

20 Q. Did the Yerkes' vet actually come?

21 A. Sure. Two of them came.

22 Q. Two vets?

23 A. Two came.

24 Q. On what date?

25 A. On those dates in this --

1 Q. July 30th and July 31st, 2014?

2 A. That's correct.

3 Q. Did they stay for those two days?

4 A. I would say it was a day-and-a-half.

5 Q. Did you speak with them?

6 A. Sure.

7 Q. Did Dr. Taglialatela speak with them?

8 A. Yes.

9 Q. Did a PR person come from Yerkes on those dates as well?

10 A. She did.

11 Q. Did you talk with her?

12 A. Yes.

13 Q. Did Dr. Taglialatela talk with her?

14 A. Yes.

15 Q. What did you talk about?

16 A. In terms of public relations or --

17 Q. Yes.

18 A. -- what did we talk about on the whole? We talked about the  
19 prospects here.

20 Q. Why was she there from Yerkes?

21 A. Why was the public relations individual there? I think from  
22 the standpoint of the Yerkes Primate Center, they would want to  
23 know something about where they were sending their apes in the  
24 event that they did produce a press release to announce that.

25 Q. Did you talk about Sue Savage-Rumbaugh with the vet?

1 A. On that occasion, I don't recall talking about Sue during  
2 that time.

3 Q. Did you talk about Sue Savage-Rumbaugh with a vet from  
4 Yerkes on any other occasion?

5 A. We have had conversations about Dr. Savage-Rumbaugh with,  
6 yes, veterinarians from the Yerkes Primate Learning Center, not  
7 necessarily on the date of that meeting, but perhaps another  
8 meeting.

9 Q. Subsequent to July 2014?

10 A. I don't think subsequent to that, no.

11 Q. Did you talk about Sue Savage-Rumbaugh with the PR person  
12 from Yerkes?

13 A. Yes.

14 Q. What did you talk about?

15 A. I don't remember really everything about that conversation.  
16 I think principally it centered around Sue and Duane's  
17 involvement in ACCI and the institution itself going forward.

18 Q. Was that conversation the basis for your understanding that  
19 it was a necessary condition of funding from Yerkes that Sue and  
20 Duane be banned from the lab?

21 A. Well, not essentially with the PR person. That was from  
22 e-mail exchanges that we had with the then director and also  
23 some of the other folks from the Yerkes center that would be  
24 involved in any decision to bring chimps here. The person who  
25 was given the task of spearheading, you know, that discussion

1 was the PR person.

2 Q. Did you speak with the colony manager?

3 A. He was here, and we did talk, yes.

4 Q. Did you talk about Dr. Sue Savage-Rumbaugh?

5 A. Honestly, I don't remember talking with him about Sue  
6 Savage-Rumbaugh.

7 Q. So there was no secret agreement, Dr. Hopkins, but as a  
8 result of your conversations and e-mails with these individuals  
9 from Yerkes, you knew that it was a condition that Sue and Duane  
10 be banned from the lab if they brought chimpanzees there,  
11 correct?

12 A. I'm not exactly sure I understand the question.

13 Q. You testified on direct that there was no secret agreement?

14 A. Right.

15 Q. But there had been conversations about Dr. Savage-Rumbaugh?

16 A. Uh-huh.

17 Q. There had been e-mails about --

18 A. Yes, Sue and Duane knew that.

19 Q. Let me finish my question.

20 A. Okay.

21 Q. There had been e-mails about Dr. Sue Savage-Rumbaugh, okay,  
22 and you now have an understanding, based upon conversations and  
23 e-mails, that if Yerkes brings chimpanzees, Sue and Duane will  
24 be banned, correct?

25 A. No. We don't have an agreement with Yerkes at this point.

1 Q. That wasn't my question.

2 A. Okay.

3 Q. My question was, you now have an understanding, based upon  
4 the e-mails, the conversations with individuals from Yerkes,  
5 that Sue and Duane will be banned, correct?

6 A. No. I disagree with that. I would not say that's a fair  
7 statement.

8 Q. Your impression is --

9 A. I would say that, you know, I think that if we want to  
10 pursue the opportunity to bring chimpanzees from the Yerkes  
11 Center to ACCI, all right, I believe that the Yerkes Center  
12 would put the kibosh on that if Sue and Duane were involved, and  
13 I think Sue and Duane also would agree with that statement.

14 Q. Does ACCI have immediate plans to bring chimpanzees from  
15 Yerkes?

16 A. We would -- not necessarily Yerkes. We have a vacant  
17 building. We would very much like to put some chimpanzees in  
18 it. If Yerkes isn't interested or doesn't want to or chooses,  
19 for whatever reason it decides, not to work with us toward that  
20 endeavor, then we will look for another organization to work  
21 with.

22 Q. I appreciate that, Dr. Hopkins, and I don't want to mince  
23 words; but can you tell the court, have there been any immediate  
24 plans with Yerkes, whether or not they come to fruition?

25 A. We have had discussions with Yerkes about bringing

1 chimpanzees to ACCI, yes.

2 Q. And it's a true statement that as a condition of doing that,  
3 Sue and Duane will be banned from the lab, correct, sir?

4 A. No, that's not correct.

5 Q. It's your understanding that Yerkes would ban Sue and Duane  
6 from the lab should they bring chimpanzees, correct?

7 A. My thoughts on that are that Yerkes will never agree to send  
8 the apes here, all right, if Sue and Duane are involved. I'm  
9 not sure --

10 Q. Okay. So let's go at it from that angle. If Sue and Duane  
11 are involved, you understand from your conversations and e-mails  
12 with Yerkes that they will never send chimpanzees here, correct?

13 A. That's correct, yeah.

14 Q. Okay. Would you consider that a condition of Yerkes sending  
15 chimpanzees here?

16 A. Yeah, I would.

17 Q. Okay. Dr. Hopkins, you have enormous respect for Dr. Sue  
18 and Dr. Duane Rumbaugh's contributions to science, correct?

19 A. I do.

20 Q. Why was it necessary to ban Sue from the lab, in fact, to  
21 deny her access in order for you and Dr. Taglialatela to pursue  
22 a scientific course for ACCI?

23 A. I didn't ban Sue from the lab.

24 Q. So you would have no objection to Dr. Savage-Rumbaugh  
25 becoming part of the research at the lab today, is that correct?

1 A. No. I would oppose that.

2 Q. And why is that?

3 A. Because I don't think it would be successful.

4 Q. If Dr. Tuttle opined that it would be successful if Dr. Sue  
5 Savage-Rumbaugh was involved, would you disagree with him?

6 A. I would.

7 MR. STAMBAUGH: One moment, Your Honor.

8 (Pause.)

9 BY MR. STAMBAUGH:

10 Q. Dr. Hopkins, a couple of final questions.

11 You mentioned in your direct testimony that you needed  
12 autonomy in your research; is that accurate?

13 A. Yes.

14 Q. Why does that necessitate banning Sue to have autonomy?

15 A. I think that's the definition of autonomy is working alone  
16 and independently.

17 Q. You have other individuals assisting you and  
18 Dr. Taglialatela, correct?

19 A. We do, yeah.

20 Q. So why is it so important that you completely deny access to  
21 the woman who has reared these bonobos over the last four  
22 decades?

23 A. Again, I think it's because if Sue is involved in the  
24 organization, I believe we will not be successful, and I think  
25 if you look at the last ten years and the opportunity that's

1 been squandered to this point, I would say that's the basis for  
2 that argument.

3 Q. Well, ACCI hasn't produced any peer-reviewed research since  
4 you've been in charge, correct?

5 A. That's not correct.

6 Q. Have there been publications from ACCI, peer-reviewed  
7 publications --

8 A. Yes.

9 Q. -- since you were in charge?

10 A. Even before now, we've had papers that I've published with  
11 Sue in the past.

12 Q. I've talking about research done at ACCI since you became --  
13 and forgive me, I've forgotten your title; Director of Science?

14 A. Yes.

15 Q. Okay. There's been no peer-reviewed publications from ACCI  
16 regarding the bonobos?

17 A. I'm not exactly sure about that, so I would have to look  
18 exactly to determine if any of the papers that we published say,  
19 for example, in 2015 have an ACCI affiliation. I would say -- I  
20 think the answer to that is no. So if the definition of  
21 productivity is, does it have an ACCI title or recognition of  
22 the institution, at this point I would say no; but that doesn't  
23 mean that isn't the case. At professional conferences certainly  
24 work that's been done at ACCI has been presented at professional  
25 meetings.

1 Q. You would agree with Dr. Taglialatela's opinion as to  
2 whether there have been peer-reviewed publications from ACCI  
3 since you've been in charge?

4 A. I'm sorry?

5 Q. You would agree with Dr. Taglialatela's opinion on the issue  
6 as to whether there has been peer-reviewed publications from  
7 ACCI since you've been in charge?

8 MR. MELHUS: Objection.

9 A. I don't know what his opinion is.

10 MR. MELHUS: Before you answer, objection to lack of  
11 foundation. I don't think that the basis for that question has  
12 been established with this witness, Your Honor.

13 THE COURT: Well, he's answered it, and I'll receive  
14 it, subject to the objection. He said he didn't know what Dr.  
15 Taglialatela's opinion was.

16 BY MR. STAMBAUGH:

17 Q. In other words, would you defer to Dr. Taglialatela's  
18 opinion as to whether there have been peer-reviewed publications  
19 from ACCI?

20 A. Sure.

21 MR. STAMBAUGH: Okay. No further questions, Your  
22 Honor.

23 THE COURT: Redirect?

24 MR. MELHUS: Just briefly, Your Honor.

25

## 1 REDIRECT EXAMINATION

2 BY MR. MELHUS:

3 Q. Dr. Hopkins, you've testified that Yerkes does not want  
4 Dr. Savage-Rumbaugh to be involved with any chimpanzees that may  
5 be transported to the facility at ACCI. Do you have any idea  
6 why that might be?

7 A. Yes.

8 MR. STAMBAUGH: Objection; lacks foundation.

9 THE COURT: You may answer --

10 A. Yes.

11 THE COURT: -- subject to the objection. Go ahead.

12 I'm sorry.

13 A. I mean, again, I think -- there was a PR person who came to  
14 visit, and I think there's a reason because I think if you type  
15 into any Internet search engine, you can find a lot of negative  
16 publicity, negative press, negative things that took place at  
17 GAT and IPLS, and I think the Yerkes Center and anyone  
18 interested in bringing chimps, probably not just Yerkes, would  
19 be quite concerned about what might happen if Sue were involved  
20 with the organization and they brought chimpanzees there, would  
21 people be put at risk. I think, you know, given what's been put  
22 out there for public discussion, the answer to that is they  
23 would have -- the answer is yes, they would have a concern about  
24 that.

25 Honestly, the Language Research Center started at the

1 Yerkes Primate Center in the 1970s, and for many, many years the  
2 Language Research Center, where Sue and Duane did a lot of their  
3 important work, was part of the Yerkes Primate Center, and they  
4 had a long history with Sue and Duane, and that relationship  
5 ended, and I don't think that relationship ended on the best of  
6 terms, and I think there were some concerns by the center at the  
7 time about some safety issues and things like that, with the  
8 operation, even when it was at George State, even before it came  
9 to Iowa.

10 So it's not as if that anyone from the Yerkes Primate  
11 Center had never heard of Sue or Duane or had no background or  
12 experience working with them. Many people did. I think the  
13 players in the discussions have changed over the years, all  
14 right; but, you know, there's still some legacy there, if you  
15 will, in terms of, you know, the actions or some of the  
16 unfortunate events that happened at the language center when the  
17 Yerkes Center was still involved in it.

18 BY MR. MELHUS:

19 Q. And are there other organizations that share or validate  
20 Yerkes' concern about working with Dr. Sue Savage-Rumbaugh  
21 moving forward?

22 MR. STAMBAUGH: Objection; lacks foundation.

23 THE COURT: I'll receive it, subject to the objection;  
24 but I must say, although the witness has some ideas as to why  
25 and impressions about Yerkes' reasons that they may or may not

1 have for the position that they may or may not have taken with  
2 regard to Dr. Savage-Rumbaugh and her husband being involved,  
3 but I think -- well, I want you to know that this is of little  
4 probative value to me because the witness has opinions and --  
5 but I think they're far enough removed that they're not  
6 particularly helpful on that subject.

7 MR. MELHUS: Okay. I apologize if I'm getting too far  
8 off course. I just wanted to establish the record with respect  
9 to dispelling any conspiracy theory that might be out there as  
10 far as ACCI and Yerkes is concerned. And with that  
11 understanding, Your Honor, I'll move along.

12 THE COURT: I know this is difficult for you to sit in  
13 the stands, but move along and ask another question.

14 BY MR. MELHUS:

15 Q. Are there any other reasons, sitting Yerkes aside, that you  
16 would not want to work with Dr. Savage-Rumbaugh moving forward  
17 that would explain why she has been denied access to the  
18 laboratory?

19 MR. STAMBAUGH: Objection; lacks foundation,  
20 cumulative, improper credibility testimony -- character  
21 testimony, excuse me.

22 THE COURT: I'll receive it, subject to the  
23 objections.

24 MR. MELHUS: Answer if you can.

25 A. Okay. Can you -- I'm sorry. Can you ask it again?

1 BY MR. MELHUS:

2 Q. Sure. Sitting aside the concerns that Yerkes may or may not  
3 have with Dr. Savage-Rumbaugh, are there any reasons that would  
4 justify or explain why she has been not allowed access to the  
5 lab up until this point?

6 MR. STAMBAUGH: Same objections.

7 THE COURT: Same ruling.

8 A. Okay. I think on the whole the belief is that the animals  
9 are at risk, to some extent, as are the people that work with  
10 the animals. I think this is a concern that would be a concern  
11 for me going forward, and that's largely a big motivating factor  
12 for why it is I feel like we must work independent from  
13 Dr. Savage-Rumbaugh in order to be successful.

14 MR. MELHUS: Dr. Hopkins, thank you for your time. I  
15 have no further questions, subject to any recross -- or  
16 redirect.

17 MR. STAMBAUGH: No further questions, Your Honor.

18 THE COURT: You may step down, sir.

19 Thank you.

20 (Witness excused.)

21 MR. MILLER: Your Honor, at this point in time, I know  
22 counsel have a couple of issues with respect to some documents  
23 or exhibits we want to discuss. I believe we are done with the  
24 presentation of our evidence, although I would like to briefly  
25 huddle with my co-counsel and our representative, and I

1 respectfully ask if we could perhaps take an early break to  
2 address these items, and we may be done.

3 THE COURT: That is perfectly fine. Will you need --  
4 is 15 minutes going to be enough time?

5 MR. MILLER: Yeah. I was going to say, I think we  
6 need to review some exhibits, so we may need a little bit  
7 longer.

8 THE COURT: Okay. We'll play it by ear. We'll be in  
9 recess for 15 minutes, maybe a little longer.

10 MR. STAMBAUGH: Thank you, Your Honor.

11 (Recess at 2:34 p.m., until 3:13 p.m.)

12 THE COURT: Be seated, please.

13 There was some record you wanted to make about some  
14 exhibits I think?

15 MR. STAMBAUGH: Yes. Thank you, Your Honor.

16 Counsel has conferred and worked out some agreements.  
17 For claimant's purposes, we would like to enter the following  
18 exhibits into evidence: No. 95, which was the CV of Dr. Laurent  
19 Dubreuil that was discussed by Dr. Dubreuil but not moved into  
20 evidence, and also Exhibit No. 98, Your Honor, which is a  
21 collection of videos. Your Honor has it on a disk in the  
22 exhibit binder. These are videos that show the relationship and  
23 interplay between Dr. Savage-Rumbaugh and the bonobos and would  
24 be used essentially in lieu of any rebuttal testimony regarding  
25 her relationship with these bonobos, whether or not that was a

1 | safe relationship.

With respect to -- and, again, I confess that I'm not as familiar with the local procedure. We have a number of exhibits, Your Honor, they were e-mails authored by George Caudill. That was an individual that was on the guaranteed to appear witness list by the plaintiffs in this case in the pretrial order. I can represent to the court that we would have introduced these exhibits through Mr. Caudill because they were authored by him. We believe that they are party opponent admissions in any event; but the reason that we did not use them during the proceeding is because Mr. Caudill was not here, even though his presence was guaranteed.

13                   Those exhibit numbers, the e-mails offered by  
14 Mr. George Caudill, are Nos. 43, 48, 69, 71, 74, 76 and 103. So  
15 we would -- claimants would move all of those exhibit numbers  
16 into evidence as well.

17 (Defendants' Exhibits 43, 48, 69,  
18 71, 74, 76, 95, 98 and 103 were  
19 offered in evidence.)

20 THE COURT: Any objection, Mr. Miller, to those  
21 exhibits?

22 MR. MILLER: Your Honor, I would restate the  
23 objections in the pretrial order. Further, we do think the  
24 offer here of these exhibits is inappropriate. We did note  
25 Mr. Caudill as a witness, guaranteed presence here. We notified

1 counsel beforehand he had personal issues that arose that  
2 prevented him from being here. We think this is somewhat  
3 punitive, but, Your Honor, we understand the circumstances. So  
4 we would restate -- or we would state that objection and restate  
5 our objections in the pretrial order.

6 Then I would also ask with respect to the videos, are  
7 we able to stipulate to a time frame of those videos? I don't  
8 think that that's identified in that.

9 MR. ZIFCHAK: I believe the videos predate Iowa.

10 MR. MILLER: Okay. And can we so stipulate?

11 MR. ZIFCHAK: We can so stipulate to that.

12 MR. STAMBAUGH: So the videos would reflect the  
13 interplay between Dr. Savage-Rumbaugh and the bonobos before  
14 coming to Iowa.

15 MR. MILLER: Right, as I understand it.

16 And the only other thing, we would restate the  
17 objection asserted to Dr. Dubreuil's CV in the pretrial order.

18 Thank you.

19 THE COURT: Mr. Stambaugh, did you want to make a  
20 record that it was a business record like Mr. Melhus did with  
21 one of the CVs?

22 MR. STAMBAUGH: I was impressed, Your Honor. Well  
23 done.

24 THE COURT: 95 and 98 are received, subject to  
25 objection.

(Defendants' Exhibits 95 and 98  
were received in evidence.)

3 THE COURT: Now, with regard to what I'll call the  
4 Caudill e-mails, is there any issue about the authenticity of  
5 these e-mails and were they written by Mr. Caudill or at the  
6 time he was -- was he -- I'm not quite sure, chair of the board  
7 of the IPLS?

8 MR. ZIFCHAK: Yes, Your Honor.

THE COURT: Is all of that true?

10 MR. MILLER: He was chair. He wrote e-mails, Your  
11 Honor.

12 THE COURT: Did he write these?

13 MR. MILLER: What's that?

14 THE COURT: Did he write these?

15 MR. MILLER: Well, to be honest, I mean, I have looked  
16 through the stack. You know, if I didn't say it before, I think  
17 several of these could have been admitted through others. That  
18 being said, for instance, 43, you know, we've had this, not a  
19 pattern but occasional e-mail, where it seems like something was  
20 copied and pasted over another document. That's what it appears  
21 to be with 43 as well as 103, Your Honor.

22 So I don't have a reason to believe these aren't what  
23 are being represented by counsel, but, you know, I don't know  
24 either. So I guess -- I think from the appearance of the  
25 document, you can draw whatever weight or conclusion you may

1 from that. I don't have any reason to object beyond that. I  
2 have no knowledge.

3 THE COURT: All right. I'll receive the Caudill  
4 e-mails, 43, 48, 69, 71, 74 and 76 and 103, subject to the  
5 objections made. Are they hearsay objections?

6 MR. MILLER: Hearsay. Also there would be relevance  
7 objections. We've stated objections in the pretrial order, and  
8 I would rely on those; but hearsay, I'm certain there would be  
9 some hearsay objections. I can go through document objections  
10 if you prefer.

11 THE COURT: You don't need to. My main concern was  
12 that these are statements by Dr. Caudill, who's chair of IPLS,  
13 and I assume is writing these things in his capacity as such.

14 MR. MILLER: That appears to be the case, Your Honor,  
15 and I think you'll see they're e-mail trails or strings with  
16 other people involved as well.

17 THE COURT: Well, I'll receive them subject to those  
18 objections then.

19 (Defendants' Exhibits 43, 48, 69,  
20 71, 74, 76 and 103 were received  
21 in evidence.)

22 THE COURT: Is there anything else evidentiary wise  
23 before we close the record?

24 MR. MILLER: Yes. Thank you, Your Honor.

25 We had one exhibit that we discussed with Mr. Simpson,

1 No. 1000, which had I been on top of things would have moved to  
2 admit and would do so now.

3 (Plaintiffs' Exhibit 1000 was  
4 offered in evidence.)

5 MR. STAMBAUGH: Your Honor, we have no objections.

6 THE COURT: 1000 is received.

7 (Plaintiffs' Exhibit 1000 was  
8 received in evidence.)

9 MR. MILLER: Oh, and one other matter of housekeeping.  
10 We do have this exhibit that has the certification for Secretary  
11 of State that we would like to three-hole punch and switch out.

12 THE COURT: You can do that and put it in the official  
13 court record, which the official court record exhibits are the  
14 ones up here.

15 THE CLERK: And they will be taking those, Judge.

16 Do you need a copy with that stamp on it for your own  
17 records?

18 THE COURT: No, I don't.

19 THE CLERK: Do you want the official to be used to  
20 consider or do you want to use the ones they provided to you?

21 THE COURT: We'll keep the official ones they provide.

22 THE CLERK: Then I won't prepare the receipts because  
23 the practice is to give counsel the official exhibits back now,  
24 so I will.

25 THE COURT: I will keep the official.

1           THE CLERK: That's fine, but that's what I was  
2 preparing, so I won't do that.

3           THE COURT: Anything else on the exhibits? Any  
4 other --

5           MR. STAMBAUGH: That's it for evidentiary issues, Your  
6 Honor.

7           MR. MILLER: I agree, Your Honor.

8           THE COURT: Now, we've talked about written argument,  
9 and in my last order I proposed maybe 21 days, but I'm flexible  
10 as your schedules may dictate. I think the efficient way to do  
11 it would be to have you both file them simultaneously and you  
12 can both reply to the other's. So I'll give you a brief period  
13 of time for that. Now, when do you think you can have that  
14 done?

15          MR. STAMBAUGH: I'm going to defer to Mr. Zifchak.

16          MR. ZIFCHAK: Your Honor, would you expect us to have  
17 the transcripts before we prepare the briefs?

18          THE COURT: Are you going to be ordering transcripts?

19          MR. ZIFCHAK: Yes.

20          THE COURT: All right. Well, yes, though I don't --  
21 why don't we move it out by another week, and if for some reason  
22 the transcript is not ready -- should we make it 28 days? I  
23 really don't know how long the transcripts will take. I'm  
24 resisting the temptation to fluff up the court reporter after  
25 all I know about her high skills and prompt service, but she has

1 other things to do as well.

2 MR. ZIFCHAK: Friday, June 26th?

3 THE COURT: Let's make it June the 26th. Now, they're  
4 due at the same time, so if somebody can't get it done, talk,  
5 and if I need to grant an extension, I want to do it mutually so  
6 that you both have them at the same time.

7 And shall we allow, oh, say, ten days after that for  
8 reply, which would be -- is that sufficient?

9 MR. MILLER: Your Honor, normally ten days would be  
10 sufficient. I note the July 4th holiday would be in there.  
11 Maybe we could go with 14 just to avoid that holiday.

12 THE COURT: All right. What day would that be?

13 MR. MILLER: I'm showing July 10th then.

14 THE COURT: Okay. Replies due by the 10th, and it  
15 will be submitted at that time.

16 Now, as you work on these, one thing that will really  
17 help the court, you know, different witnesses remembered things  
18 happening at slightly different times and sometimes the record  
19 was a little boggy as to what was going on when. So if you  
20 could include a time line of significant events with your  
21 arguments, that would be helpful to me in keeping that straight,  
22 the chronology. So if you would do that for me, I would  
23 appreciate that. You don't have to -- just a description of  
24 what happened, but your argument by the dates. I just want to  
25 be able to track the chronology as accurately as I can. I know

1 the exhibits will help with that, but if you would do that for  
2 me, I would appreciate that.

3 Anything else we need to talk about?

4 MR. STAMBAUGH: Your Honor, as a personal matter, and  
5 I know that I speak for all of us out-of-towners, we very much  
6 appreciate the court's patience and courtesy in this proceeding.  
7 I just wanted to say that.

8 THE COURT: Well, you're quite welcome. It's a  
9 pleasure to have you all here. You know, as pro bono  
10 presentations go, this has been ranked very high in the pantheon  
11 of such presentations I've seen. You've all done an excellent  
12 job, and it's apparent to me that all of you share the passion  
13 of your respective clients for the subjects as to the inquiry of  
14 the animals concerned, and I think that reflects the quality of  
15 the presentation.

16 I'll look forward to your posttrial submissions and,  
17 of course, I'll rule as quickly as I am able to.

18 Good day to you all. Safe travels.

19 (Proceedings concluded at 3:25 p.m.)

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## 1 C E R T I F I C A T E

2 I, the undersigned, a Certified Shorthand Reporter of  
3 the State of Iowa, do hereby certify that I acted as the  
4 official court reporter at the hearing in the above-entitled  
5 matter at the time and place indicated.

6 That I took in shorthand all of the proceedings had at  
7 the said time and place and that said shorthand notes were  
8 reduced to computer transcription under my direction and  
9 supervision, and that the foregoing computer transcription pages  
10 are a full and complete transcript of the shorthand notes so  
11 taken.

12 Dated at Des Moines, Iowa, this 15th day of June,  
13 2015.

14  
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16  
17 /s/ Terri L. Martin  
18 CERTIFIED SHORTHAND REPORTER  
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